

Meeting #27, 14 - 17 March 2005,

Tokyo, Japan

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**3GPP TSG-CN**  
**3GPP TSG-RAN**  
**3GPP TSG-T**  
**Meeting #27, Tokyo, Japan, March 2005**

*Tdoc NP-050123*  
*Tdoc RP-050139*  
*Tdoc TP-050049*

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**Source:**            **MCC**  
                          <mailto:john.meredith@etsi.org>

**Title:**             **Specs status list prior to TSGs#27**

**Document for:**    **information**

The following table shows the status list immediately prior to TSGs#76. It differs from that corresponding to the end of SA#26 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It also reflects the updates resulting from GERAN#23.

Delegates may like to note that an HTML version of the status list is available at <http://www.3gpp.org/ftp/Specs/html-info/status-report.htm> and that this is updated daily to reflect

- new spec numbers issued for work starting up in Working Groups;
- new drafts of specs not yet under change control developed in Working Groups; and
- (occasional) editorial revisions of approved specs.

# 3GPP specification status

This report sorts the 3GPP specifications by  
Active or Withdrawn / Stopped (Active specs first)  
Release (Latest Release first)  
Series  
Individual Spec number

Release 7  
Release 6  
Release 5  
Release 4  
Release 99  
Release 98  
Release 97  
Release 96  
Phase 2  
Phase 1  
Withdrawn / Stopped

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## ACTIVE specs

### Rel-7

Rel-7 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

#### TR 21.900 Technical Specification Group working methods

Rel-7 current version: 7.0.0 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: freeze\_meeting: POPE, Maurice  
remarks - general: remarks - this release: G: yes U: yes MCC: POPE, Maurice

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-04 7 . 0 . 0 [get it](#)

Rel-7 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

#### TS 22.011 Service accessibility

Rel-7 current version: 7.0.0 WG (prime / other): S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
freeze\_meeting: freeze\_meeting: MCC: CLAYTON, Michael  
remarks - general: Transfer>TSG#4 G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version, comments, hyperlink):  
SP-24 2004-06-14 7 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

Rel-7 current version: 7.0.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rappporteur: IGNATIUS, Jan

MCC: CLAYTON, Michael

NOKIA Corporation

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 7 . 0 . 0

[get it](#)

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## TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1

Rel-7 current version: 7.2.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rappporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-06 7 . 0 . 0

SP-25 2004-09-27 7 . 1 . 0

SP-26 2004-12-23 7 . 2 . 0

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[get it](#)

[get it](#)

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## TS 22.071 Location Services (LCS); Stage 1

Rel-7 current version: 7.1.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rappporteur: DEOL, Amar

MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24 2004-06-14 7 . 0 . 0

SP-26 2004-12-23 7 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

Rel-7 current version: 7.2.0 freeze\_meeting: S1 / - rapporteur: GRECH, Michel  
Lucent Technologies Network Systems UK  
MCC: CLAYTON, Michael

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 7 . 0 . 0  
SP-25 2004-09-27 7 . 1 . 0  
SP-26 2004-12-23 7 . 2 . 0

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[get it](#)  
[get it](#)

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## TS 22.101 Service aspects; Service principles

Rel-7 current version: 7.0.0 WG (prime / other): S1 / - rapporteur: DEOL, Amar  
Nortel Networks (USA)  
freeze\_meeting: CLAYTON, Michael

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24 2004-06-14 7 . 0 . 0

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## TS 22.228 Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1

Rel-7 current version: 7.0.0 WG (prime / other): S1 / rapporteur: CATALDO, Mark  
Openwave Systems (N.I.) Ltd  
freeze\_meeting: CLAYTON, Michael

remarks - general:

U: yes  
remarks - this release:

2004-09-30: "IMS" added to title in database for ease of searching.

history (event, available, version, comments, hyperlink):

SP-25 2004-09-27 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.234 Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking

WG (prime / other): S1 / -

G: U: yes

rapporporteur: BOOTE, Michael

MCC: CLAYTON, Michael

Lucent Technologies Network Systems UK

remarks - this release:  
U: yes

remarks - general: 2003-10-31: Spec number formally allocated

history (event, available, version, comments, hyperlink):

SP-26 2005-01-05 7 . 0 . 0

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## TS 22.279 Combining CS and IMS services; Stage 1

WG (prime / other): S1 /

G: U: yes

rapporporteur: WATSON, Mark

MCC: CLAYTON, Michael

Digital Fountain

remarks - general: Stage 2 is in 23.279

history (event, available, version, comments, hyperlink):

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## TR 22.935

WG (prime / other): S1 / -

G: U: yes

rapporporteur: LOUSHINE, Mike

MCC: CLAYTON, Michael

Telcordia Technologies, Inc.

remarks - general: Post SP-25: WID = SP-040309; second named rapporteur = Vijay Varma.

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series) ACTIVE specs Rel-7 22 .- series

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**TR 22.936** **Behaviour of multi-system terminals** DRAFT  
Rel-7 *current version:* 0.2.0  
*freeze\_meeting:* WI = SP-040306, later SP-040513.  
*WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*G:* U: yes *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 2005-01-05 0 . 2 . 0 [get it](#)

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**TS 22.933** **Multimedia priority service feasibility study** DRAFT  
Rel-7 *current version:* 0.3.0  
*freeze\_meeting:*  
*WG (prime / other):* S1 / - *rapporteur:* GARRAHAN, James Telcordia Technologies, Inc.  
*G:* U: yes *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
S1-23 0 . 1 . 0  
S1-25 0 . 2 . 0 S1-040592  
S1-25 2004-09-27 0 . 3 . 0 S1-040698 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

**TS 22.978** **AI-IP network (AIPN) feasibility study** DRAFT  
Rel-7  
current version: 1.0.0  
freeze\_meeting:  
remarks - general: SP-24: WI = SP-040303.

WG (prime / other): S1 / -  
G: U: yes  
rapporteur: SACHNO, Chris  
MCC: CLAYTON, Michael  
NTT DoCoMo Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-06-15 0 . 0 . 0 [get it](#)  
draft 2004-06-25 0 . 1 . 0 [get it](#)  
draft 0 . 3 . 0 S1-040678  
draft 2004-07-27 0 . 4 . 0 Several different versions 0.4.0 are  
thought to be at loose in the wild.  
draft 0 . 6 . 0 [get it](#)  
SP-26 2004-12-21 1 . 0 . 0 SP-040739

**TS 22.979** **Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions**

Rel-7  
current version: 1.0.0  
freeze\_meeting:  
remarks - general: WI = SP-040305, SP-25: owner is XIX pronounced "nineteen" (aka CSICS =  
Circuit Switched IMS Combinational Service) subgroup of S1.

WG (prime / other): S1 /  
G: U: yes  
rapporteur: FRANK, Robert  
MCC: CLAYTON, Michael  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0  
draft 0 . 1 . 0  
S2-41 2004-09-01 0 . 2 . 0 S1-040800  
draft 2004-10-07 0 . 2 . 1 S1-040858  
draft 0 . 4 . 0  
SP-26 2004-12-21 1 . 0 . 0 SP-040740 for approval; but SP-26 did not  
approve, since not urgent

Rel-7 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-7  
current version: 7.0.0  
freeze\_meeting:  
remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC  
reflow of R98 features.  
WG (prime / other): N1 / -  
G: yes U: yes  
rapporteur: HIETALAHTI, Hannu  
MCC: JURISIC, Andrijana  
NOKIA Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 7 . 0 . 0

[get it](#)

## TS 23.279 Combining CS and IMS services; Stage 2

Rel-7  
current version: 1.0.0  
freeze\_meeting:  
remarks - general: Stage 1 is in 22.279.  
WG (prime / other): S1 /  
G: U: yes  
rapporteur: HU, Yun Chao  
MCC: CLAYTON, Michael  
NANJING ERICSSON PANDA COMMUNICATIONS LTD  
remarks - this release: .

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0  
S2-44 0 . 0 . 1  
draft 2005-02-25 0 . 1 . 0  
S2-44 2005-02-25 0 . 1 . 1 S2-050441  
SP-27 1 . 0 . 0 ex S2-44

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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series) ACTIVE specs Rel-7 23 .- series

## TR 23.802 Architectural enhancements for end-to-end Quality of Service (QoS)

Rel-7 DRAFT

current version: 0.4.0

freeze\_meeting:

remarks - general: SP-24: WI = SP-040326

WG (prime / other): S2 / -

G: U: yes

rapporporteur: JAKSA, Robert

MCC: BOSWARTHICK, David

HUAWEI TECHNOLOGIES Co. Ltd.

remarks - this release: SP-26: Estimate approval at SP-28. Pre-SP-27: Estimate approval at SP-30.

history (event, available, version, comments, hyperlink):

draft	2004-08-10	0	0	0	0
S2-41	2004-09-20	0	1	0	0
S2-42	2004-10-28	0	2	0	0
S2-43	2004-12-03	0	3	0	0
post S2-44	2005-02-23	0	4	0	0

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## TR 23.803 Evolution of policy control and charging

Rel-7 DRAFT

current version: 0.0.1

freeze\_meeting:

remarks - general: SP-25: WI in SP-040533

WG (prime / other): S2 /

G: U: yes

rapporporteur: BERTENYI, Balazs

MCC: BOSWARTHICK, David

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-09-27	0	0	0	1
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[get it](#)

## TR 23.804 Support of SMS and MMS over generic 3GPP IP access

Rel-7 DRAFT

current version: 1.0.0

freeze\_meeting:

remarks - general: Successor to 23.904; SP-25: WI in SP-040688

WG (prime / other): S2 /

G: U: yes

rapporporteur: ZHANG, Wenlin

MCC: BOSWARTHICK, David

HUAWEI TECHNOLOGIES Co. Ltd.

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-09-23	0	0	0	0
S2-42	2004-10-26	0	1	0	0
S2-43	2004-12-03	0	2	0	0
SP-27		1	0	0	0

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for info

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.898 Access Class Barring and Overload Protection (ACBOP)

Rel-7  
current version: none  
freeze\_meeting:

WG (prime / other): S2 / - rapporteur: DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.

G: U: yes MCC: BOSWARTHICK, David

remarks - general: SP-23: WI = SP-040042. SP-25: approval expected SP-26 or SP-27. remarks - this release: SP-26: may be speeded up and finished in time for Rel-6. Watch this space.

history (event, available, version, comments, hyperlink):

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## Rel-7 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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### TR 24.819 Protocol impact from providing IMS services via fixed broadband; Stage-3

Rel-7  
current version: 0.0.0  
freeze\_meeting:

WG (prime / other): N1 / rapporteur: LEIS, Peter SIEMENS AG

G: U: yes MCC: JURISIC, Andrijana

remarks - general: remarks - this release: .

history (event, available, version, comments, hyperlink):

N1-27 2005-03-01 0 . 0 . 0

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## Rel-7 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.809 7,68Mcps TDD option: physical layer

Rel-7 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): R1 /

G: U: yes

rappporteur:

BEALE, Martin

MCC:

ISHII, Yoshikazu

IPWireless Inc.

remarks - this release: .

history (event, available, version, comments, hyperlink):

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## TR 25.810 UMTS 2.6 GHz (FDD)

Rel-7 current version: 0.0.2

freeze\_meeting:

remarks - general:

DRAFT

WG (prime / other): R4 /

G: U: yes

rappporteur:

SÄYNÄJÄKANGAS, Tuomo

MCC:

GUTIERREZ MIGUELEZ, Cesar

NOKIA Corporation

remarks - this release: .

history (event, available, version, comments, hyperlink):

R4-34 0 . 0 . 1

R4-34 2005-02-25 0 . 0 . 2

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## TR 25.812

Rel-7 Requirements for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN)

current version: 0.0.0

freeze\_meeting:

remarks - general:

DRAFT

WG (prime / other): RP / R1, R2, R3, R4

rappporteur:

NAKAMURA, Takehiro

MCC:

GUTIERREZ MIGUELEZ, Cesar

NTT DoCoMo Inc.

remarks - this release: .

G: U: yes

MCC:

GUTIERREZ MIGUELEZ, Cesar

remarks - this release: .

history (event, available, version, comments, hyperlink):

draft 2005-03-03 0 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.876 Multiple Input Multiple Output (MIMO) antennae in UTRA

Rel-7

WG (prime / other): R1 /

Lucent Technologies

rappporteur: HUANG, Howard

G: U: yes

MCC: ISHII, Yoshikazu

freeze\_meeting:

remarks - general: RP-20: reference to HSDPA removed from title  
remarks - this release: Timed out of Rel-6.

*history (event, available, version, comments, hyperlink):*

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## TR 25.912

Rel-7

WG (prime / other): RP / R1, R2, R3, R4

NTT DoCoMo Inc.

Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN)

DRAFT

current version: 0.0.0

freeze\_meeting:

G: U: yes

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general: RP-26: WID in RP-040461. Assistant rapporteur: Don Zelmer. Requirements in 25.812.  
requirements - this release: .

*history (event, available, version, comments, hyperlink):*

draft 2005-03-03 0 . 0 . 0

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Rel-7

32 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.431

Rel-7 **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements**  
current version: none  
freeze\_meeting: none  
G: U: yes  
WG (prime / other): S5 / -  
MCC: TOCHE, Christian  
ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - general: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 32.433

Rel-7 **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition**  
current version: none  
freeze\_meeting: none  
G: U: yes  
WG (prime / other): S5 / -  
MCC: TOCHE, Christian  
ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - general: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 32.434

Rel-7 **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Abstract Syntax Notation number 1 (ASN.1) file format definition**  
current version: none  
freeze\_meeting: none  
G: U: yes  
WG (prime / other): S5 / -  
MCC: TOCHE, Christian  
ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - general: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-7 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.731** **Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-7 *current version:* none *WG (prime / other):* S5 / - *rappporteur:* RAO, Mohan  
*freeze\_meeting:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.732** **Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-7 *current version:* none *WG (prime / other):* S5 / - *rappporteur:* RAO, Mohan  
Technologies Network Systems UK  
*freeze\_meeting:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.733** **Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common**  
Rel-7 *current version:* none *WG (prime / other):* S5 / - *rappporteur:* RAO, Mohan  
Technologies Network Systems UK  
*freeze\_meeting:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.



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**TS 32.734** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common  
Rel-7 current version: Management Information Protocol (CMIP) Solution Set (SS) none/WG (prime / other): S5 /- RAO, Mohan Lucent  
Technologies Network Systems UK *rappporteur:*

*freeze\_meeting:* G: U: yes MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

**TS 32.735** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-7 current version: eXtensible Markup Language (XML) file format definition none/WG (prime / other): S5 /- RAO, Mohan Lucent  
Technologies Network Systems UK *rappporteur:*

*freeze\_meeting:* G: U: yes MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

**TR 32.805** Telecommunication management; Process guide; Backward compatibility recommendations  
Rel-7 current version: 6.0.0 WG (prime / other): S5 / TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* G: U: yes MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-11-26 0 . 1 . 0 [get it](#)  
SP-26 2004-11-30 1 . 0 . 0 SP-040821 [get it](#)  
SP-26 2005-01-04 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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## Rel-7 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

### TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-7 current version: 7.1.0

freeze\_meeting:

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-27 7 . 0 . 0

SP-26 2004-12-23 7 . 1 . 0

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[get it](#)

## Rel-7 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

### TS 43.318 Generic access to the A/Gb interface; Stage 2

Rel-7 current version: 2.0.0

freeze\_meeting:

remarks - general:

DRAFT

WG (prime / other): G1 / - rapporteur: VIKBERG, Jari Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

remarks - this release:

Stage 1 is the common GERAN stage 1: no new requirements, just different access architecture.

history (event, available, version, comments, hyperlink):

draft 0 . 1 . 0

G1-22 0 . 2 . 0 GP-042394

GP-23 2005-01-21 0 . 3 . 0 GP-050135

GP-23 2005-02-03 0 . 4 . 0 GP-050403

GP-23 2005-02-03 2 . 0 . 0 GP-050544 approved, but apparently for Rel-6 despite it being a Rel-7 WI.

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ACTIVE specs Rel-7 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TR 43.935 Feasibility study of enhanced support for video telephony service over GERAN via the A interface

Rel-7 current version: 0.1.0 DRAFT WG (prime / other): G1 / rapporteur: ERIKSSON, Stefan Telefon AB LM Ericsson

freeze\_meeting: none G: yes U: remarks - this release:

MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-22 0 . 0 . 1 Text incorporated from GP-042532

draft 2004-12-22 0 . 1 . 0 GP-050190

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## Rel-7 55 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

### TS 55.226 Specification of the A5/4 encryption algorithms for GSM and ECSD, and the GEA4 encryption algorithm for GPRS; Document 1: A5/4 and GEA4 specification

Rel-7 current version: none WG (prime / other): S3 / rapporteur: CHRISTOFFERSSON, Per/TeliaSonera AB

freeze\_meeting:

MCC: POPE, Maurice

remarks - general: Work item UID = 1571 (SEC1)

remarks - this release:

history (event, available, version, comments, hyperlink):

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## Rel-6

### Rel-6 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system

Rel-6 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: SP-26 G: U: yes MCC: POPE, Maurice  
remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999  
Specifications". remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-04 6 . 0 . 0 [get it](#)

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## TS 21.111 USIM and IC card requirements

Rel-6 WG (prime / other): T3 / - rapporteur: KALINER, Stefan T-Mobile International AG  
freeze\_meeting: TP-26 G: U: yes MCC: THOMASEN, Gert  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
TP-23 2004-03-25 6 . 0 . 0 [get it](#)  
TP-24 2004-06-15 6 . 1 . 0 [get it](#)

---

## TR 21.801 Specification drafting rules

Rel-6 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: SP-26 G: yes U: yes MCC: POPE, Maurice  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-04-02 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture

Rel-6 DRAFT / - S2 / -  
WG (prime / other): LAUTIER, Laurence  
G: U: yes BOSWARTHICK, David  
MCC: SP-20: from Rel-5.  
freeze\_meeting: SP-26  
remarks - general: remarks - this release: SP-20: from Rel-5.

### history (event, available, version, comments, hyperlink):

draft 2003-02-24 0 . 7 . 0 inherited from Rel-5

[get it](#)

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## TR 21.900 Technical Specification Group working methods

Rel-6 current version: 6.4.0  
freeze\_meeting: SP-26  
WG (prime / other): SP / -  
G: yes U: yes MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

### remarks - general:

remarks - this release: SP-22: From now on, is null document pointing to equivalent in latest Release.

### history (event, available, version, comments, hyperlink):

SP-21 2003-09-26 6 . 0 . 0  
SP-22 2004-01-14 6 . 1 . 0  
edito post SP-23 2004-04-02 6 . 1 . 1 corrects Release shown on cover page  
SP-24 2004-06-24 6 . 2 . 0  
SP-25 2004-09-29 6 . 3 . 0  
SP-26 2005-01-04 6 . 4 . 0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series) ACTIVE specs Rel-6 21 .- series

**TR 21.902 Evolution of 3GPP system**  
Rel-6 current version: 6.0.0  
freeze\_meeting: SP-21  
WG (prime / other): SP / -  
G: U: yes  
rapporteur: BISHOP, Craig  
MCC: POPE, Maurice  
SAMSUNG Electronics Research Institute  
remarks - general: SP-21: On closure of Evolution group, confirmed that ownership stays with  
SA.  
SP-21: On closure of Evolution group, confirmed that ownership stays with  
SA.  
remarks - this release: SP-20: expect revised drafts 2003-06-20 & 2003-09-05. SP-21: approved as Rel-6 document.

## history (event, available, version, comments, hyperlink):

SP-18, Evolution meeting #2	2003-01-03	0	0	0	0	Prior to SP-18: doc = EV020032	<a href="#">get it</a>
revised to add missing text	2003-01-08	0	1	1	0		<a href="#">get it</a>
SP-19, Evolution meeting #3	2003-03-24	0	1	1	1	EV-030002	<a href="#">get it</a>
draft	2003-04-07	0	2	2	0		<a href="#">get it</a>
draft	2003-04-17	0	2	1	1	incorporating comments post SP-19	<a href="#">get it</a>
SP-20, Evolution meeting #4	2003-06-02	0	2	2	2	EV-030042	<a href="#">get it</a>
draft	2003-06-20	1	1	1	0		<a href="#">get it</a>
draft	2003-06-20	1	1	1	1		<a href="#">get it</a>
Evolution workshop #5 prior to SP-21	2003-09-29	1	2	2	0	EV-030124	<a href="#">get it</a>
Evolution workshop #5 prior to SP-21	2003-09-29	1	3	3	0	EV-030136	<a href="#">get it</a>
SP-21	2003-09-29	2	0	0	0	SP-030518	<a href="#">get it</a>
SP-21	2003-09-26	6	0	0	0	Approved as Rel-6. PCG to decide whether SDOs are to publish prior to Rel-6 freeze.	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.905 Vocabulary for 3GPP Specifications

Rel-6  
current version: 6.7.0  
freeze\_meeting: SP-22  
WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - general: 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least, so include it in that set.  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	6	.	0	.	0
SP-18	2002-12-18	6	.	1	.	0
SP-19	2003-03-25	6	.	2	.	0
SP-20	2003-06-18	6	.	3	.	0
SP-21	2003-09-30	6	.	4	.	0
SP-22	2004-01-06	6	.	5	.	0
SP-23	2004-03-23	6	.	6	.	0
SP-24	2004-06-14	6	.	7	.	0

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## Rel-6 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

### TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - general: Transfer>TSG#5  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26	2004-12-23	6	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

Rel-6 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Research in Motion UK Limited  
current version: 6.0.0 MCC: CLAYTON, Michael  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

Rel-6 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
current version: 6.0.0 MCC: CLAYTON, Michael  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#5  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 22.004 General on supplementary services

Rel-6 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Research in Motion UK Limited  
current version: 6.0.0 MCC: CLAYTON, Michael  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.011

Rel-6  
freeze\_meeting: SP-26

remarks - general: Transfer>TSG#4

### Service accessibility

current version: 6.4.0

freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: IBIDUN, Kunle

G: yes U: yes MCC: CLAYTON, Michael

ORANGE SA

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19 2003-03-25 6 . 0 . 0

SP-20 2003-06-18 6 . 1 . 0

SP-22 2004-01-06 6 . 2 . 0

SP-23 2004-03-23 6 . 3 . 0

SP-24 2004-06-14 6 . 4 . 0

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## TS 22.016

Rel-6  
freeze\_meeting: SP-26

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi

G: yes U: yes MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 22.022

Rel-6  
freeze\_meeting: SP-26

remarks - general: Transfer>TSG#4

### Personalisation of Mobile Equipment (ME); Mobile functionality specification

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S3 / - rapporteur: NGUYEN NGOC, Sebastien

G: yes U: yes MCC: POPE, Maurice

France Telecom

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.024 Description of Charge Advice Information (CAI)

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
Transfer>TSG#4,CR at TSG#5

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

Rel-6  
current version: 6.0.1  
freeze\_meeting: SP-26  
Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation

G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 6 . 0 . 0

edito post SP-26 2005-02-17 6 . 0 . 1 Corrects Release number shown on title

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## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S3 /

rapporteur: WRIGHT, Tim

G: yes U: yes MCC: POPE, Maurice

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & remarks - this release: Rel-6 record created on freezing the Release, December 2004.

Rel-5 -> 22.031.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-6 WG (prime / other): S3 / rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new One  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). G: yes U: yes  
remarks - this release: Rel-6 record created on freezing the Release, December 2004. MCC: POPE, Maurice

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1

Rel-6 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
current version: 6.0.0  
freeze\_meeting: SP-26 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1

Rel-6 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Research in Motion UK Limited  
current version: 6.3.0  
freeze\_meeting: SP-26 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20 2003-06-18 6 . 0 . 0 [get it](#)  
SP-21 2003-09-30 6 . 1 . 0 [get it](#)  
SP-22 2004-01-06 6 . 2 . 0 [get it](#)  
SP-25 2004-09-27 6 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.041

### Operator Determined Call Barring

Rel-6  
current version: 6.2.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-20 2003-06-18 6 . 0 . 0  
SP-21 2003-09-30 6 . 1 . 0  
SP-23 2004-03-23 6 . 2 . 0

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## TS 22.042

### Network Identity and Time Zone (NITZ) service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 22.053

### Tandem Free Operation (TFO); Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4.

WG (prime / other): S4 / -  
G: yes U: yes

rapporporteur: NAVARRO, William  
MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - general: Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1".  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited  
remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19 2003-03-25 6 . 0 . 0

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## TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18 2002-12-18 6 . 0 . 0

SP-20 2003-06-18 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rappporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18 2002-12-18 6 . 0 . 0  
SP-20 2003-06-18 6 . 1 . 0

[get it](#)  
[get it](#)

## TS 22.071 Location Services (LCS); Stage 1

Rel-6  
current version: 6.7.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rappporteur: DEOL, Amar  
MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-04 6 . 0 . 0  
SP-17 2002-09-17 6 . 1 . 0  
SP-18 2002-12-18 6 . 2 . 0  
SP-19 2003-03-25 6 . 3 . 0  
SP-20 2003-06-18 6 . 4 . 0  
SP-21 2003-09-30 6 . 5 . 0  
SP-22 2004-01-06 6 . 6 . 0  
SP-23 2004-03-23 6 . 7 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TS 22.072 Call Deflection (CD); Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: HECHWARTNER, RolandT-Mobile International AG

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
TELECOM ITALIA S.p.A.

G: yes U: yes MCC: USAI, Paolino

remarks - general:  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

Rel-6 current version: 6.6.0 freeze\_meeting: SP-26

WG (prime / other): S1 / -  
G: yes U: yes

rapporporteur: GRECH, Michel  
MCC: CLAYTON, Michael

Lucent Technologies Network Systems UK

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18 2003-01-10 6 . 0 . 0  
SP-19 2003-03-25 6 . 1 . 0  
SP-21 2003-09-30 6 . 2 . 0  
SP-22 2004-01-06 6 . 3 . 0  
SP-23 2004-03-23 6 . 4 . 0  
SP-24 2004-06-14 6 . 5 . 0  
SP-25 2004-09-27 6 . 6 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 22.079 Support of optimal routing; Stage 1

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 22.081 Line Identification supplementary services; Stage 1

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: BLOMSTRAND, Ola

MCC: CLAYTON, Michael

TeliaSonera AB

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rappporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

ORANGE SA  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rappporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.084 MultiParty (MPTY) supplementary service; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rappporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

TeliaSonera AB

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporporteur: DEOL, Amar  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

Nortel Networks (USA)

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.087 User-to-user signalling (UUS); Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

T-Mobile International AG

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.088 Call Barring (CB) supplementary services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1

Rel-6 current version: 6.0.0 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
freeze\_meeting: SP-26 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.094 Follow Me service description - Stage 1

Rel-6 current version: 6.0.0 / - rapporteur: HECHWARTNER, RolandT-Mobile International AG  
freeze\_meeting: SP-26 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have

decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec,  
22.094.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-22 2004-01-06 6 . 0 . 0

[get it](#)

---

## TS 22.096 Name identification supplementary services; Stage 1

Rel-6 current version: 6.0.0 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
freeze\_meeting: SP-26 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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## TS 22.097 Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

S1 / - rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.101 Service aspects; Service principles

Rel-6  
current version: 6.8.0  
freeze\_meeting: SP-26  
Nortel Networks (USA)

S1 / - rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)

remarks - this release: SP-020234 side 11 justifies existence.

### remarks - general:

### history (event, available, version, comments, hyperlink):

SP-16 2002-07-04 6 . 0 . 0  
SP-17 2002-09-17 6 . 1 . 0  
SP-18 2002-12-18 6 . 2 . 0  
SP-19 2003-03-25 6 . 3 . 0  
SP-20 2003-06-18 6 . 4 . 0  
SP-21 2003-09-30 6 . 5 . 0  
SP-22 2004-01-06 6 . 6 . 0  
SP-23 2004-03-23 6 . 7 . 0  
SP-24 2004-06-14 6 . 8 . 0

[get it](#)  
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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.105 Services and service capabilities

Rel-6  
current version: 6.2.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -

G: U: yes  
rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-17	6	.	0	.	0
SP-19	2003-03-25	6	.	1	.	0
SP-20	2003-06-18	6	.	2	.	0

## TS 22.112 USIM toolkit interpreter; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: TP-26

remarks - general:

WG (prime / other): T3 / -

G: U: yes  
rapporteur: MEYER, Michael  
MCC: THOMASEN, Gert

GIESECKE & DEVRIENT GmbH

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

TP-26	2005-01-06	6	.	0	.	0
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 Upgrade on Rel-6 freeze

## TS 22.115 Service Aspects Charging and billing

Rel-6  
current version: 6.4.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -

G: yes U: yes  
rapporteur: SCARRONE, Enrico  
MCC: CLAYTON, Michael

TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19	2003-03-25	6	.	0	.	0
SP-20	2003-06-18	6	.	1	.	0
SP-21	2003-09-30	6	.	2	.	0
SP-22	2004-01-06	6	.	3	.	0
SP-23	2004-03-23	6	.	4	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-6  
current version: 6.7.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / -  
G: U: yes

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - general: SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".

### history (event, available, version, comments, hyperlink):

SP-16	2002-07-04	6	.	0	.	0
SP-17	2002-09-17	6	.	1	.	0
SP-18	2002-12-18	6	.	2	.	0
SP-20	2003-06-18	6	.	3	.	0
SP-22	2004-01-06	6	.	4	.	0
SP-23	2004-03-23	6	.	5	.	0
SP-24	2004-06-14	6	.	6	.	0
SP-26	2004-12-23	6	.	7	.	0

[get it](#)  
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[get it](#)

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael

ORANGE SA

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-19	2003-03-25	6	.	0	.	0
SP-22	2004-01-06	6	.	1	.	0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.135 Multicall; Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -  
G: U: yes

rappporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-6  
current version: 6.6.0  
freeze\_meeting: SP-26

remarks - general: (development in T2)

WG (prime / other): S1 / -  
G: U: yes

rappporteur: MEYER, Juergen  
MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18 2002-12-20 6 . 0 . 0  
SP-19 2003-03-25 6 . 1 . 0  
SP-20 2003-06-18 6 . 2 . 0  
SP-21 2003-09-30 6 . 3 . 0  
SP-22 2004-01-06 6 . 4 . 0  
SP-23 2004-03-23 6 . 5 . 0  
SP-24 2004-06-14 6 . 6 . 0

[get it](#)  
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.141 Presence service; Stage 1

Rel-6  
current version: 6.3.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -  
G: U: yes  
rapporteur: WOHLERT, Randolph  
MCC: CLAYTON, Michael  
SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 6 . 0 . 0  
SP-17 2002-09-17 6 . 1 . 0  
SP-19 2003-03-25 6 . 2 . 0  
editorial to fix 2004-07-02 6 . 2 . 1  
apparently corrupt  
file

SP-26 2004-12-23 6 . 3 . 0

## TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1

Rel-6  
current version: 6.6.0  
freeze\_meeting: SP-26

remarks - general: Replaces 22.946. Note that stage 2 is 23.246.

WG (prime / other): S1 /  
G: U: yes  
rapporteur: JARVIS, Andre  
MCC: CLAYTON, Michael  
Hutchison 3G UK Ltd (3)  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-04 6 . 0 . 0  
SP-17 2002-09-17 6 . 1 . 0  
SP-19 2003-03-25 6 . 2 . 0  
SP-22 2004-01-06 6 . 3 . 0  
SP-23 2004-03-23 6 . 4 . 0  
SP-24 2004-06-14 6 . 5 . 0  
SP-25 2004-10-01 6 . 6 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.174 Push service; Stage 1

Rel-6 current version: 6.2.0  
freeze\_meeting: SP-26

WG (prime / other): S1 /

rporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - general: SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.

### history (event, available, version, comments, hyperlink):

```
draft 2002-03-27 0 . 6 . 0 S1-020540 get it
draft 0 . 8 . 1
SP-16 1 . 0 . 0 SP-020230 (inside liaison statement) get it
post SP-16 clean 2002-07-04 1 . 0 . 1
up
SP-17 2002-09-17 2 . 0 . 0 SP-020571 get it
SP-17 2002-09-16 6 . 0 . 0 get it
SP-18 2002-12-18 6 . 1 . 0 get it
SP-19 2003-03-25 6 . 2 . 0 get it
```

## TS 22.177 Speech-enabled services; Stage 1

Rel-6 current version: none  
freeze\_meeting: SP-26

WG (prime / other): S1 /

rporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

T-Mobile International AG

remarks - general: Spec number reserved; production depends on results of feasibility study (22.977).  
remarks - this release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.226 Global text telephony (GTT); Stage 1: Service description

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 22.228 Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1

Rel-6  
current version: 6.7.0  
freeze\_meeting: SP-26

WG (prime / other): S1 /  
G: yes U: yes

rapporteur: CATALDO, Mark  
MCC: CLAYTON, Michael  
Openwave Systems (N.I.) Ltd

remarks - general: 2004-09-30: "IMS" added to title in database for ease of searching.

remarks - this release: SP-020234 slide 11 justifies existence.

history (event, available, version, comments, hyperlink):

SP-16 2002-07-04 6 . 0 . 0  
SP-17 2002-09-17 6 . 1 . 0  
SP-19 2003-03-25 6 . 2 . 0  
SP-20 2003-06-18 6 . 3 . 0  
SP-21 2003-09-30 6 . 4 . 0  
SP-22 2004-01-06 6 . 5 . 0  
SP-24 2004-06-14 6 . 6 . 0  
SP-26 2004-12-23 6 . 7 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.233 Transparent end-to-end packet-switched streaming service; Stage 1

WG (prime / other): S1 /  
G: U: yes

WATSON, John  
CLAYTON, Michael

VODAFONE Group Plc

rappporteur:  
MCC:

remarks - this release:

freeze\_meeting: SP-26

remarks - general:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-17	6	.	0	.	0
SP-18	2002-12-18	6	.	1	.	0
SP-19	2003-03-25	6	.	2	.	0
SP-21	2003-09-30	6	.	3	.	0

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## TS 22.234 Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking

WG (prime / other): S1 / -  
G: U: yes

BOOTE, Michael  
CLAYTON, Michael

Lucent Technologies Network Systems UK

rappporteur:  
MCC:

remarks - this release: SP-22: target for approval = SP-25. SP-25: this release unwithdrawn!

remarks - general: 2003-10-31: Spec number formally allocated

history (event, available, version, comments, hyperlink):

SP-23	2004-03-23	2	.	0	.	0
SP-23	2004-03-24	6	.	0	.	0
SP-24	2004-06-14	6	.	1	.	0
SP-25	2004-09-27	6	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.240 Service requirements for 3GPP Generic User Profile (GUP); Stage 1

Rel-6  
WG (prime / other): S1 /  
G: U: yes  
freeze\_meeting: SP-26  
remarks - general: Cf work item 'Generic user profile'  
rapporteur: BISCHINGER, Kurt  
MCC: CLAYTON, Michael  
T-Mobile AUSTRIA GmbH  
remarks - this release: SP-17: Expected for SP-18.

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	1	0	0	0	SP-020568
SP-19		2	0	0	0	SP-030036
SP-19	2003-03-25	6	0	0	0	
SP-21	2003-09-30	6	1	0	0	
SP-22	2004-01-06	6	2	0	0	
SP-23	2004-03-23	6	3	0	0	
SP-25	2004-09-27	6	4	0	0	
SP-26	2004-12-23	6	5	0	0	

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## TS 22.242 Digital Rights Management (DRM); Stage 1

Rel-6  
WG (prime / other): S1 /  
G: U: yes  
freeze\_meeting: SP-18  
rapporteur: WOOD, Nicholas  
MCC: CLAYTON, Michael  
Openwave Systems (N.I.) Ltd  
remarks - general: SP-18: Stages 2 & 3 to be done by OMA. SP-24: debate on whether or not still needed in view of St 1 at OMA. Conclusion yes, for now.  
remarks - this release: SP-25: will make this a blank doc just referencing the OMA spec; will not be propagated to Rel-7.

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### history (event, available, version, comments, hyperlink):

draft ex Kobe	2003-07-29	0	0	0	0	
SP-15	2002-03-19	1	0	0	0	SP-020061
SP-16	2002-07-04	2	0	0	0	SP-020261
SP-16	2002-07-04	6	0	0	0	
SP-17	2002-09-17	6	1	0	0	
SP-19	2003-03-25	6	2	0	0	
SP-25	2004-12-23	6	3	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.243 Speech recognition framework for automated voice services; Stage 1

Rel-6 / WG (prime / other): S1 / rapporteur: WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
current version: 6.4.0 / MCC: CLAYTON, Michael  
freeze\_meeting: SP-26 / remarks - this release: Delayed from Rel-5.  
WI UID = 31006

history (event, available, version, comments, hyperlink):

brought forwards 2002-01-02 1 . 0 . 0

from Rel-5

SP-15	2002-03-27	1 . 2 . 0	S1-020114
SP-17	2002-09-19	2 . 0 . 0	SP-020572
SP-17	2002-09-16	6 . 0 . 0	
SP-18	2002-12-18	6 . 1 . 0	
SP-19	2003-03-25	6 . 2 . 0	
SP-20	2003-06-18	6 . 3 . 0	
SP-21	2003-09-30	6 . 4 . 0	

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## TS 22.246

Rel-6 / WG (prime / other): S1 / rapporteur: CURCIO, Igor NOKIA Corporation  
current version: 6.2.0 / MCC: CLAYTON, Michael  
freeze\_meeting: SP-26 / remarks - this release:

remarks - general: SP-20: WID = SP-030347.

history (event, available, version, comments, hyperlink):

draft	0 . 1 . 0		
S1-21	0 . 2 . 0		
SP-21	2003-09-29	1 . 0 . 0	SP-030511
SP-22	2004-05-05	2 . 0 . 0	SP-030708
SP-22	2004-01-06	6 . 0 . 0	
SP-23	2004-03-23	6 . 1 . 0	
SP-25	2004-09-27	6 . 2 . 0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.250 IP Multimedia Subsystem (IMS) Group Management; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 /  
G: U: yes

rapporteur: LAATU, Juho  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2002-04-24	0	.	1	.	0
SP-17	2002-09-16	1	.	0	.	0
SP-18	2002-12-18	2	.	0	.	0
SP-18	2002-12-18	6	.	0	.	0

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## TS 22.340 IP Multimedia Subsystem (IMS) messaging; Stage 1

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

remarks - general:

2002-10-08: created from 22.940.

WG (prime / other): S1 /  
G: U: yes

rapporteur: LAATU, Juho  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18	2002-12-18	2	.	0	.	0
SP-18	2002-12-18	6	.	0	.	0
SP-19	2003-03-25	6	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.800 IP Multimedia Subsystem (IMS) subscription and access scenarios

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 /  
G: U: yes

rapporteur: FRANK, Robert  
MCC: CLAYTON, Michael  
TeliaSonera AB

remarks - general: SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up but technically incomplete.

### history (event, available, version, comments, hyperlink):

S1-18	0	0	5	S1-022295
SP-18	2002-12-20	0	1	0 (annex to liaison)
SP-19	2003-03-24	1	0	0 SP-030037
SP-21	2003-09-29	2	0	0 SP-030471
SP-21	2003-09-30	6	0	0

## TR 22.857 Run-time independent framework feasibility study

Rel-6  
current version: 6.0.0  
freeze\_meeting: TP-26

WG (prime / other): T2 /  
G: yes U: yes

rapporteur: RODERMUND, Friedhelm  
MCC: HAN, Seung Don  
Vodafone D2 GmbH

### remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

TP-17	2002-08-30	1	0	0
TP-18	2002-12-03	2	0	0 TP-020274
TP-18	2002-12-20	6	0	0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.934 Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking

WG (prime / other): S1 / -

G: U: yes

rapporteur: YOUNGE, Mark  
MCC: CLAYTON, Michael

T-Mobile USA Inc.

remarks - general: SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other specs.

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-19	1	.	0	.	0	.	0	SP-020059
SP-17	2002-09-19	2	.	0	.	0	.	0	SP-020569
SP-17	2002-09-16	6	.	0	.	0	.	0	
SP-18	2002-12-18	6	.	1	.	0	.	0	
SP-21	2003-09-30	6	.	2	.	0	.	0	

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## TR 22.940 IP Multimedia Subsystem (IMS) messaging; Stage 1

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S1 /

G: U: yes

rapporteur: LAATU, Juho  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - general: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: Nol In fact, unwithdrawn and approved!

remarks - this release: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: Nol In fact, unwithdrawn and approved!

### history (event, available, version, comments, hyperlink):

draft	2002-03-26	0	.	0	.	0	.	0	
draft	2002-07-19	0	.	1	.	0	.	0	
SP-16	2002-07-19	0	.	2	.	0	.	0	
SP-17	2002-09-16	1	.	0	.	0	.	0	SP-020567
SP-18	2002-12-18	2	.	0	.	0	.	0	SP-020670
SP-18	2002-12-18	6	.	0	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.944 Report on service requirements for UE functionality split

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 /

G: U: yes

rporteur: BARNES, Nigel

MCC: CLAYTON, Michael

MOTOROLA Ltd

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TR 22.949 Study on a generalized privacy capability

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / -

G: U: yes

Lucent Technologies Network Systems UK

rporteur: BOOTE, Michael

MCC: CLAYTON, Michael

remarks - general: WI: PrivCap.

remarks - this release:

history (event, available, version, comments, hyperlink):

S1-20 2003-06-25 0 . 1 . 0 S1-030498  
draft 2003-10-10 0 . 3 . 0 S1-030932  
SP-22 2004-01-05 1 . 0 . 0 SP-030718  
SP-23 2004-03-22 2 . 0 . 0 SP-040099  
SP-23 2004-03-24 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.950 Priority service feasibility study

Rel-6 current version: 6.4.0

freeze\_meeting: SP-26

WG (prime / other): S1 / -

G: yes U: yes

rapporteur: GARRAHAN, James

MCC: CLAYTON, Michael

Telcordia Technologies, Inc.

remarks - general: Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15	2002-03-19	1	.	0	.	0	.	0	SP-020060
	draft	1	.	1	.	0	.	0	
SP-16	2002-07-04	2	.	0	.	0	.	0	SP-020260
SP-16	2002-07-04	6	.	0	.	0	.	0	
SP-18	2002-12-18	6	.	1	.	0	.	0	
SP-19	2003-03-25	6	.	2	.	0	.	0	
SP-24	2004-06-14	6	.	3	.	0	.	0	
SP-26	2004-12-23	6	.	4	.	0	.	0	

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## TR 22.951 Service aspects and requirements for network sharing

Rel-6 current version: 6.1.0

freeze\_meeting: SP-26

WG (prime / other): S1 /

G: yes U: yes

rapporteur: ZARRI, Michele

MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this release: TP-16: anticipate v1.0.0 at TP-17.

history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	0	.	0	.	0	.	0	S1-020342
	draft	1	.	0	.	0	.	0	SP-020565
SP-18	2002-12-18	2	.	0	.	0	.	0	SP-020668
SP-18	2002-12-18	6	.	0	.	0	.	0	
SP-19	2003-03-25	6	.	1	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.952

### Priority service guide

current version: 6.2.0  
freeze\_meeting: SP-26  
remarks - general: Work item = PRIOR.

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: GARRAHAN, James  
MCC: CLAYTON, Michael  
Telcordia Technologies, Inc.

remarks - this release: SP-21: S2: "No stage 2 TS needed." Target is to approve at SP-22. SP-22: Concerns that the TR may have been drafted to meet US legislation only.

### history (event, available, version, comments, hyperlink):

S1-19	0	1	0	
S1-19	0	2	0	
draft	0	3	0	
draft	0	4	0	
S1-20	0	5	0	
S1-21	0	6	0	
SP-21	2003-09-29	1	0	0 SP-030470
SP-22	2004-01-05	2	0	0 SP-030709
SP-22	2004-01-09	6	0	0
SP-24	2004-06-14	6	1	0
SP-26	2004-12-23	6	2	0

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## TR 22.977

### Feasibility study for speech-enabled services

current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general:

WG (prime / other): S1 /  
G: U: yes

rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this release:

### history (event, available, version, comments, hyperlink):

S1-14	0	0	0	
S1-15	0	1	0	
S1 SES	0	2	0	
S1 SES	0	3	0	
SP-16	2002-07-04	1	0	0 SP-020259
SP-17	2002-09-19	2	0	0 SP-020570
SP-17	2002-09-16	6	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

Rel-6 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.002** Network architecture  
Rel-6 current version: 6.6.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): S2 / - rapporteur: MILINSKI, Alexander SIEMENS AG  
G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19	2003-03-27	6 . 0 . 0
correct cover	2003-03-31	6 . 0 . 1
sheet post SP-19		
SP-20	2003-06-20	6 . 1 . 0
SP-21	2003-10-01	6 . 2 . 0
SP-22	2004-01-06	6 . 3 . 0
SP-23	2004-04-01	6 . 4 . 0
SP-24	2004-06-23	6 . 5 . 0
SP-26	2005-01-05	6 . 6 . 0

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**TS 23.003** Numbering, addressing and identification

Rel-6 current version: 6.5.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-21	2003-10-09	6 . 0 . 0
NP-22	2004-01-12	6 . 1 . 0
NP-23	2004-03-23	6 . 2 . 0
NP-24	2004-06-15	6 . 3 . 0
NP-25	2004-09-30	6 . 4 . 0
NP-26	2004-12-23	6 . 5 . 0

Implements, inter alia, CR083r2  
accidentally omitted from v6.1.0.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.007

Rel-6

**Restoration procedures**

current version: 6.1.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: RUSSELL, Nick

MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-23 2004-03-23 6 . 0 . 0

NP-25 2004-09-30 6 . 1 . 0

## TS 23.008

Rel-6

**Organisation of subscriber data**

current version: 6.4.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: KYMALAINEN, Kimmo

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-01-12 6 . 0 . 0

NP-23 2004-03-23 6 . 1 . 0

NP-24 2004-06-15 6 . 2 . 0

NP-25 2004-09-30 6 . 3 . 0

NP-26 2004-12-23 6 . 4 . 0

## TS 23.009

Rel-6

**Handover procedures**

current version: 6.0.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N1 / N4

G: yes U: yes

rapporteur: FARHOUAMD, Rouzbeh Ericsson Incorporated

MCC: JURISIC, Andrijana

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.011 Technical realization of Supplementary Services

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19 2003-04-04 6 . 0 . 0

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## TS 23.012 Location management procedures

Rel-6  
current version: 6.2.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-23 2004-03-23 6 . 0 . 0  
NP-24 2004-06-15 6 . 1 . 0  
NP-25 2004-09-30 6 . 2 . 0

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## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general: Should not be in UMTS ????

WG (prime / other): N1 / - rapporteur: ZAUS, Robert SIEMENS AG

G: yes U: yes MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
Chalmers  
VODAFONE LTD  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-24 2004-06-15 6 . 0 . 0

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## TS 23.016 Subscriber data management; Stage 2

Rel-6  
current version: 6.1.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19 2003-04-04 6 . 0 . 0

NP-23 2004-03-23 6 . 1 . 0

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## TS 23.018 Basic Call Handling; Technical realization

Rel-6  
current version: 6.3.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
Chalmers  
VODAFONE LTD  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-21 2003-10-09 6 . 0 . 0

NP-22 2004-01-12 6 . 1 . 0

NP-23 2004-03-23 6 . 2 . 0

NP-25 2004-09-30 6 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

Rel-6  
WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One  
freeze\_meeting: SP-26  
G: yes U: yes MCC: POPE, Maurice

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: Rel-6 record created on freezing the Release, December 2004.  
Rel-5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.032 Universal Geographical Area Description (GAD)

Rel-6  
WG (prime / other): S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
freeze\_meeting: SP-26  
G: yes U: yes MCC: BOSWARTHICK, David

remarks - general: S2 responsibility?

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

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---

## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

Rel-6  
WG (prime / other): N1 / - rapporteur: CARRIÓN, Inmaculada NOKIA Corporation  
freeze\_meeting: NP-26  
G: yes U: yes MCC: JURISIC, Andrijana

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.035 Immediate Service Termination (IST); Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
G: yes U: yes  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.038 Alphabets and language-specific information

Rel-6  
current version: 6.1.0  
freeze\_meeting: TP-26  
WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes  
MCC: HAN, Seung Don  
Research In Motion Limited

remarks - general:

history (event, available, version, comments, hyperlink):

TP-21 2003-10-03 6 . 0 . 0  
TP-25 2004-09-23 6 . 1 . 0  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-6 current version: 6.5.0

freeze\_meeting: TP-26

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: yes remarks - this release: HAN, Seung Don

Research In Motion Limited

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

history (event, available, version, comments, hyperlink):

TP-17 2002-09-18 6 . 0 . 0

post TP-17: adds 2002-09-24 6 . 0 . 1

test vector file

TP-20 2003-06-26 6 . 1 . 0

TP-21 2003-10-08 6 . 2 . 0

TP-23 2004-03-26 6 . 3 . 0

TP-24 2004-06-18 6 . 4 . 0

TP-25 2004-09-23 6 . 5 . 0

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## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 current version: 6.2.0

freeze\_meeting: TP-26

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: yes remarks - this release: HAN, Seung Don

Research In Motion Limited

remarks - general: Transfer>TSG#4

history (event, available, version, comments, hyperlink):

TP-17 2002-09-18 6 . 0 . 0

TP-19 2003-03-25 6 . 1 . 0

TP-22 2004-01-09 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.042 Compression algorithm for SMS

Rel-6 current version: 6.0.0

freeze\_meeting: TP-26

remarks - general:

WG (prime / other): T2 / -

rapporteur: HARRIS, Ian

MCC: HAN, Seung Don

G: yes U: yes  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

Research In Motion Limited

history (event, available, version, comments, hyperlink):

TP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

remarks - general: No draft.

WG (prime / other): S4 / S2

rapporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-6 current version: 6.2.0

freeze\_meeting: TP-26

remarks - general: Apr-2001: " Station Application" removed from title.

WG (prime / other): T2 / -

rapporteur: BRENK, Lars

MCC: HAN, Seung Don

TTP Communications plc

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-16 2002-06-28 6 . 0 . 0

TP-17 2002-09-18 6 . 1 . 0

TP-21 2003-10-14 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

Rel-6  
current version: 6.7.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S2 / -

rappporteur: KUCHIBHOTLA, Ravi  
MCC: BOSWARTHICK, David

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19	2003-03-27	6	.	0	.	0
SP-20	2003-06-20	6	.	1	.	0
SP-21	2003-10-01	6	.	2	.	0
SP-22	2004-01-06	6	.	3	.	0
SP-23	2004-04-01	6	.	4	.	0
SP-24	2004-06-23	6	.	5	.	0
SP-25	2004-09-27	6	.	6	.	0
SP-26	2005-01-05	6	.	7	.	0

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## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
remarks - general: Transfer>TSG#4, CR at TSG#5

WG (prime / other): N4 / -

rappporteur: LOPEZ SORIA, Luis  
MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-03	6	.	0	.	0
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 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-6  
WG (prime / other): N4 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19 2003-04-04 6 . 0 . 0

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## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-6  
WG (prime / other): N4 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
rapporteur: CONRAD, Alan  
MCC: KYMALAINEN, Kimmo  
T-MOBILE DEUTSCHLAND

remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-6  
WG (prime / other): N4 / -  
current version: 6.4.1  
freeze\_meeting: NP-26  
G: yes U: yes  
rapporteur: HOMANN, Christian  
MCC: KYMALAINEN, Kimmo  
ALCATEL SEL AG

remarks - general: NP-24: txferred to N4 on closure of N2.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-01-07 6 . 0 . 0  
NP-23 2004-04-01 6 . 1 . 0  
NP-24 2004-06-17 6 . 2 . 0  
NP-25 2004-09-30 6 . 3 . 0  
NP-26 2005-01-19 6 . 4 . 0  
NP-26 2005-01-21 6 . 4 . 1 updated SDLs

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: CR at TSG#4,CR at TSG#5

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.081 Line Identification supplementary services; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-30 6 . 0 . 0

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## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-6  
WG (prime / other): N4 / -  
G: yes U: yes

current version: 6.0.0  
freeze\_meeting: NP-26  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

Rel-6  
WG (prime / other): N4 / -  
G: yes U: yes

current version: 6.0.0  
freeze\_meeting: NP-26  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-6  
WG (prime / other): N4 / -  
G: yes U: yes

current version: 6.0.0  
freeze\_meeting: NP-26  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 23 .- series  
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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19 2003-04-04 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporporteur: CROOK, Mick  
MCC: KYMALAINEN, Kimmo

ORANGE PCS LTD  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.094 Follow Me Stage 2**  
Rel-6 current version: 6.0.0  
freeze\_meeting: NP-26  
remarks - general: Transfer>TSG#4, GSM only @TSG#5

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-22 2004-01-12 6 . 0 . 0

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**TS 23.096 Name Identification Supplementary Service; Stage 2**

Rel-6 current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

**TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2**

Rel-6 current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.101 General UMTS Architecture

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S2 / -  
U: yes

rappporteur: OLSSON, Magnus  
MCC: BOSWARTHICK, David

Telefon AB LM Ericsson  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.103 Quality of Service (QoS) concept and architecture

Rel-6  
current version: 6.2.0  
freeze\_meeting: SP-26

remarks - general: was 23.907

WG (prime / other): S2 / -  
U: yes

rappporteur: RINNE, Janne  
MCC: BOSWARTHICK, David

NOKIA Corporation  
remarks - this release: SP-22: Rel-6 doc not to be created yet. CRs kept on ice.

history (event, available, version, comments, hyperlink):

SP-22 2004-01-06 6 . 0 . 0 SP-22: Rel-6 doc not to be created yet.  
CRs kept on ice.

[get it](#)

SP-23 2004-04-01 6 . 1 . 0

[get it](#)

SP-26 2005-01-05 6 . 2 . 0

---

## TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general: This is clause 7 from 04.08 ex R98.

WG (prime / other): N1 / -  
U: yes

rappporteur: DOIG, Ian  
MCC: JURISIC, Andrijana

MOTOROLA S.A.S  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.110 UMTS Access Stratum Services and Functions

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: LOPEZ-TORRES, Oscar  
MCC: BOSWARTHICK, David  
Indicate persons who left Company and wait for new One  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 23.116 Super-Charger technical realization; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: ALLEN, Nicholas  
MCC: KYMALAINEN, Kimmo  
Indicate persons who left Company and wait for new One  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 23.119 Gateway Location Register (GLR); Stage2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: SAWADA, Masahiro  
MCC: KYMALAINEN, Kimmo  
Indicate persons who left Company and wait for new One  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-6 *WG (prime / other):* N1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* NP-26 *MCC:* JURISIC, Andrijana  
*remarks - general:* 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC *remarks - this release:* refiew of R98 features.

### *history (event, available, version, comments, hyperlink):*

NP-23	2004-03-22	6	.	0	.	0
NP-24	2004-06-15	6	.	1	.	0
NP-25	2004-09-27	6	.	2	.	0
NP-26	2005-01-07	6	.	3	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 23.125 Overall high level functionality and architecture impacts of flow based charging; Stage 2

Rel-6 *WG (prime / other):* S2 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *MCC:* BOSWARTHICK, David  
*remarks - general:* W1 UID = 32030. *remarks - this release:* SP-23: to be completed by SP-24.

### *history (event, available, version, comments, hyperlink):*

draft	0	.	0	.	1	
Moved text from TR 23.825 v 1.4.0	0	.	1	.	0	
S2-38	0	.	2	.	0	
post S2-38	0	.	2	.	1	
SP-23	2004-03-22	2	.	0	.	0
SP-23	2004-04-01	6	.	0	.	0
SP-24	2004-06-22	6	.	1	.	0
SP-25	2004-09-27	6	.	2	.	0
SP-26	2005-01-06	6	.	3	.	0

[get it](#)

several drafts of this version distributed within S2  
SP-040050  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-6

current version: 6.1.0

freeze\_meeting: SP-26

WG (prime / other): S2 / -

G: U: yes

rappporteur: GOURRAUD, Christophe ERICSSON RESEARCH CANADA

MCC: BOSWARTHICK, David

remarks - general: Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25.

SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6". 2004-08-30: Intention is to withdraw Rel-6 at SP-26, in favour of 23.198. SP-26: This spec will be withdrawn SP-27.

history (event, available, version, comments, hyperlink):

SP-18 2003-01-10 6 . 0 . 0

SP-24 2004-06-23 6 . 1 . 0

[get it](#)

[get it](#)

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## TS 23.135 Multicall supplementary service; Stage 2

Rel-6

current version: 6.0.0

freeze\_meeting: NP-26

WG (prime / other): N4 / -

G: U: yes

rappporteur: MITAMURA, Kazuo NTT COMMWARE Corporation

MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-6  
current version: 6.8.0  
freeze\_meeting: TP-26  
WG (prime / other): T2 / -  
G: yes U: yes  
rapporteur: ROEBKE, Matthias  
MCC: HAN, Seung Don  
T-MOBILE DEUTSCHLAND  
remarks - general: 2003-12-03: Note that this spec also contains stage 3.  
remarks - this release: TP-22: Discussed whether this work would be transferred to OMA for future Releases (i.e. beyond Rel-6). But there are IPR problems.

### history (event, available, version, comments, hyperlink):

TP-18	2002-12-20	6	0	0	<a href="#">get it</a>
TP-19	2003-03-31	6	1	0	<a href="#">get it</a>
TP-20	2003-06-26	6	2	0	<a href="#">get it</a>
TP-21	2003-10-08	6	3	0	<a href="#">get it</a>
TP-22	2004-01-12	6	4	0	<a href="#">get it</a>
TP-23	2004-03-26	6	5	0	<a href="#">get it</a>
TP-24	2004-06-17	6	6	0	<a href="#">get it</a>
TP-25	2004-09-27	6	7	0	<a href="#">get it</a>
TP-26	2005-01-03	6	8	0	<a href="#">get it</a>

## TS 23.141 Presence service; Architecture and functional description; Stage 2

Rel-6  
current version: 6.7.0  
freeze\_meeting: SP-26  
WG (prime / other): S2 /  
G: U: yes  
rapporteur: BERTENYI, Balazs  
MCC: BOSWARTHICK, David  
NOKIA Corporation  
remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2002-06-17	0	0	0	<a href="#">get it</a>
SP-17	2002-10-04	1	0	0	<a href="#">get it</a>
SP-17	2002-10-07	6	0	0	<a href="#">get it</a>
					SP-020538 for approval Many editorial corrections needed before fit for SDO publication.
SP-18	2003-01-10	6	1	0	<a href="#">get it</a>
SP-19	2003-03-27	6	2	0	<a href="#">get it</a>
SP-20	2003-06-20	6	3	0	<a href="#">get it</a>
SP-21	2003-10-01	6	4	0	<a href="#">get it</a>
SP-23	2004-04-01	6	5	0	<a href="#">get it</a>
SP-24	2004-06-23	6	6	0	<a href="#">get it</a>
SP-25	2004-09-27	6	7	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-6  
WG (prime / other): N3 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
rapporteur: HAGIWARA, Junichiro NTT DoCoMo Inc.  
MCC: HAN, Seung Don  
remarks - general: Rel-6 record created on freezing the Release, December 2004.  
[get it](#)

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-6  
WG (prime / other): N4 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
rapporteur: HODGES, Phil Telefon AB LM Ericsson  
MCC: KYMALAINEN, Kimmo  
remarks - general: New after TSG#5  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0

[get it](#)

---

## TS 23.172 Technical realization of Circuit Switched (CS) multimedia service: UDI/RDI fallback and service modification; Stage 2

Rel-6  
WG (prime / other): N3 / -  
G: U: yes  
current version: 6.1.0  
freeze\_meeting: NP-26  
rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-23 2004-03-22 6 . 0 . 0

NP-25 2004-09-28 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.174 Push service; stage 2

Rel-6  
current version: none  
freeze\_meeting: SP-26

WG (prime / other): S2 /  
G: U: yes

rappporteur: WOLAK, Stephen  
MCC: BOSWARTHICK, David

VODAFONE Group Plc

remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ..."  
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1.

history (event, available, version, comments, hyperlink):

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## TS 23.195

Rel-6  
current version: none  
freeze\_meeting: SP-26

### Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

WG (prime / other): S2 /  
G: yes U: yes

rappporteur: PUDNEY, Chris  
MCC: BOSWARTHICK, David

VODAFONE Group Plc

remarks - general: Created as a result of 23.895.  
remarks - this release: SP-20: is in fact a Rel-5 doc, so withdrawn. SP-26: Rel-6 reintroduced (unwithdrawn) when Rel-6 frozen.

history (event, available, version, comments, hyperlink):

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## TS 23.198

Rel-6  
current version: 1.0.0  
freeze\_meeting: NP-26

### Open Service Access (OSA); Stage 2

WG (prime / other): N5 / -  
G: U: yes

rappporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general: NP-25: Anticipate approval NP-26; see LS in SP-040493.

remarks - this release: Anticipate v1.0.0 at NP-26. NP-26: Anticipate approval NP-27.

history (event, available, version, comments, hyperlink):

NP-26 2004-12-21 1 . 0 . 0 NP-040488

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.202 Circuit switched data bearer services

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
remarks - general: Derived from 23.910.

WG (prime / other): N3 / -  
G: U: yes  
rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26	2004-12-21	1	0	0	NP-040565
NP-26	2004-12-21	1	0	1	NP-040607
NP-26	2005-01-07	6	0	0	

[get it](#)  
[get it](#)  
[get it](#)

## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / -  
G: U: yes  
rapporteur: HODGES, Phil  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson

remarks - general: 2000-10: Rap change from Keutmann.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-03	6	0	0	Upgrade on Rel-6 freeze
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[get it](#)

## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-6  
current version: 6.4.0  
freeze\_meeting: SP-26

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: OYAMA, Johnson  
MCC: BOSWARTHICK, David  
Nippon Ericsson K.K.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-10-01	6	0	0	
SP-22	2004-01-06	6	1	0	
SP-22	2004-01-22	6	1	1	Implements CRs 65, 66, 67
SP-23	2004-04-01	6	2	0	
SP-24	2004-06-23	6	3	0	
SP-25	2004-09-27	6	4	0	

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2

Rel-6 current version: 6.2.0 DRAGE, Keith Lucent Technologies Network Systems UK

freeze\_meeting: NP-26

JURISIC, Andrijana

WG (prime / other): N1 / - rapporteur: DRAGE, Keith

G: yes U: yes MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-01-06 6 . 0 . 0 [get it](#)  
NP-23 2004-03-22 6 . 1 . 0 [get it](#)  
NP-25 2004-09-27 6 . 2 . 0 [get it](#)

## TS 23.221 Architectural requirements

Rel-6 current version: 6.3.0 DANIEL, Elizabeth Lucent Technologies Network Systems UK

freeze\_meeting: SP-26

BOSWARTHICK, David

WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth

G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release:

remarks - general: Derived from R99-specific 23.121

history (event, available, version, comments, hyperlink):

SP-19 2003-03-27 6 . 0 . 0 [get it](#)  
SP-21 2003-10-01 6 . 1 . 0 [get it](#)  
SP-23 2004-04-01 6 . 2 . 0 [get it](#)  
SP-24 2004-06-23 6 . 3 . 0 [get it](#)

## TS 23.226 Global text telephony (GTT); Stage 2: Architecture

Rel-6 current version: 6.0.0 HELLSTROM, Gunnar Omnitor AB

freeze\_meeting: SP-26

BOSWARTHICK, David

WG (prime / other): S2 / - rapporteur: HELLSTROM, Gunnar

G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release:

remarks - general: 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set. Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-6  
current version: 6.8.0  
freeze\_meeting: SP-26

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: TOWLE, Thomas  
MCC: BOSWARTHICK, David  
Lucent Technologies

remarks - general:  
remarks - this release: SP-21: Envisage modifications to cater for PoC feature.

### history (event, available, version, comments, hyperlink):

SP-18	2003-01-07	6	.	0	.	0	.	0			<a href="#">get it</a>
edito post	SP-18	2003-01-07	6	.	0	.	1		corrects Rel shown on front cover.		<a href="#">get it</a>
SP-19	2003-03-27	6	.	1	.	0					<a href="#">get it</a>
SP-20	2003-06-23	6	.	2	.	0					<a href="#">get it</a>
SP-21	2003-10-01	6	.	3	.	0					<a href="#">get it</a>
SP-22		6	.	4	.	0			never issued		<a href="#">get it</a>
SP-22	2004-01-06	6	.	4	.	1			corrects omitted CR		<a href="#">get it</a>
SP-23	2004-04-01	6	.	5	.	0					<a href="#">get it</a>
SP-24	2004-06-21	6	.	6	.	0					<a href="#">get it</a>
SP-25	2004-09-27	6	.	7	.	0					<a href="#">get it</a>
SP-26	2005-01-07	6	.	8	.	0					<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.234 3GPP system to Wireless Local Area Network (WLAN) interworking; System description

Rel-6 current version: 6.3.0

freeze\_meeting: SP-26

WG (prime / other): S2

G: U: yes

rapporteur: MARTIQUET, Nicolas France Telecom

MCC: BOSWARTHICK, David

remarks - general: SP-17 2002-10-04 1 . 0 . 0 SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).  
SP-19 2003-03-24 1 . 6 . 0 Annexed to LS in SP-030065 (ex S2-030727),  
S2-31 1 . 7 . 0  
draft 2003-01-06 1 . 2 . 1  
draft 2003-01-08 1 . 3 . 0  
SP-20 2003-06-17 1 . 10 . 0 SP-030313  
S2-34 1 . 14 . 0  
SP-21 2003-09-29 2 . 0 . 0 SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...)  
SP-22 2003-12-02 2 . 3 . 0 S2-034357 = SP-030714, also as annex to SP-030664. But anticipate input from GSM.A. Not aprvd.  
draft 2004-01-27 2 . 4 . 0  
SP-23 2004-04-07 2 . 5 . 0 SP-040049  
SP-24 2004-06-22 6 . 1 . 0 Much editorial work still to be done.  
SP-25 2004-09-27 6 . 2 . 0  
SP-26 2005-01-07 6 . 3 . 0

remarks - this release: SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.

history (event, available, version, comments, hyperlink):

conversion from 0 . 1 . 0

23.934 v0.5.0

SP-17 2002-10-04 1 . 0 . 0 SP-020537 Title on doc does not coincide with database (which bears same title as 23.934). [get it](#)

draft 2003-01-06 1 . 2 . 1 [get it](#)

draft 2003-01-08 1 . 3 . 0 [get it](#)

SP-19 2003-03-24 1 . 6 . 0 Annexed to LS in SP-030065 (ex S2-030727), [get it](#)

S2-31 1 . 7 . 0 [get it](#)

draft 2003-04-25 1 . 8 . 0 [get it](#)

SP-20 2003-06-17 1 . 10 . 0 SP-030313 [get it](#)

S2-34 1 . 14 . 0 [get it](#)

SP-21 2003-09-29 2 . 0 . 0 SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...)

SP-22 2003-12-02 2 . 3 . 0 S2-034357 = SP-030714, also as annex to SP-030664. But anticipate input from GSM.A. Not aprvd. [get it](#)

draft 2004-01-27 2 . 4 . 0 [get it](#)

SP-23 2004-04-07 2 . 5 . 0 SP-040049 [get it](#)

SP-24 2004-06-22 6 . 1 . 0 Much editorial work still to be done. [get it](#)

SP-25 2004-09-27 6 . 2 . 0 [get it](#)

SP-26 2005-01-07 6 . 3 . 0 [get it](#)

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.236** Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes  
Rel-6 current version: 6.0.0 / -  
freeze\_meeting: SP-26 U: yes  
remarks - general: *remarks - this release: Rel-6 record created on freezing the Release, December 2004.*

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

**TS 23.240** 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-6 current version: 6.6.0 /  
freeze\_meeting: SP-26 U: yes  
remarks - general: Cf work item "Generic user profile"

WG (prime / other): S2 /  
G: U: yes  
rapporteur: KOSKINEN, Harri Nokia Telecommunications Inc.  
MCC: BOSWARTHICK, David  
*remarks - this release: SP-19: moved from Rel-5*

*history (event, available, version, comments, hyperlink):*  
SP-19 2003-03-24 1 . 0 . 0 S2-030944 -> SP-030031  
S2-31 2003-04-22 1 . 1 . 0  
S2-32 2003-05-26 1 . 2 . 0 S2-032170  
SP-20 2003-05-26 2 . 0 . 0 S2-032171 -> SP-030310  
SP-20 2003-06-20 6 . 0 . 0  
SP-21 2003-10-01 6 . 1 . 0  
SP-22 2004-01-06 6 . 2 . 0  
SP-23 2004-04-01 6 . 3 . 0  
SP-24 2004-06-21 6 . 4 . 0  
SP-25 2004-09-27 6 . 5 . 0  
SP-26 2005-01-05 6 . 6 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

## TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-6 current version: 6.5.0 / WG (prime / other): S2 / Jarvis, Andre / HUTCHISON 3G UK LTD (3)

freeze\_meeting: SP-26

rapporteur: BOSWARTHICK, David

remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in remarks - this release: SP-15; from Rel-5.

23.846.

### history (event, available, version, comments, hyperlink):

draft	0	0	0	
S2-27	2002-11-14	0	1	0
S2-28		0	2	0
add TS number	2002-12-18	0	2	1
S2-29	2003-02-24	0	3	0
S2-30		0	4	0
SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)				
S2-31	2003-04-29	0	5	0
S2-32		0	6	0
SP-20	2003-06-17	1	0	0
S2-33	2003-07-17	1	1	0
S2-34		1	2	0
editorial		1	2	1
SP-21	2003-09-29	2	0	0
SP-21	2003-10-08	6	0	0
SP-22	2004-01-06	6	1	0
SP-23	2004-04-01	6	2	0
SP-24	2004-06-23	6	3	0
SP-25	2004-09-27	6	4	0
SP-26	2005-01-13	6	5	0

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# 3GPP specification status

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.251 Network sharing; Architecture and functional description

Rel-6  
current version: 6.2.0  
freeze\_meeting: SP-26  
remarks - general: WI UID = 32044

WG (prime / other): S2 /  
G: U: yes  
rapporteur: NILSSON, Ulf  
MCC: BOSWARTHICK, David  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	0	0
draft	2004-05-07	0	1	0
draft		0	2	0
draft	2004-05-26	0	2	1
SP-24	2004-06-14	2	0	0
SP-24	2004-06-23	6	0	0
SP-25	2004-09-27	6	1	0
SP-26	2005-01-05	6	2	0

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## TS 23.271 Functional stage 2 description of Location Services (LCS)

Rel-6  
current version: 6.10.0  
freeze\_meeting: SP-26

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: WONG, Gavin  
MCC: BOSWARTHICK, David  
VODAFONE Group Plc

remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

remarks - this release: Continues 23.871

history (event, available, version, comments, hyperlink):

SP-16	2002-06-18	6	0	0
SP-17	2002-10-02	6	1	0
SP-18	2003-01-09	6	2	0
SP-19	2003-03-27	6	3	0
SP-20	2003-06-23	6	4	0
SP-21	2003-10-02	6	5	0
SP-22	2004-01-06	6	6	0
SP-23	2004-04-01	6	7	0
SP-24	2004-06-23	6	8	0
SP-25	2004-09-27	6	9	0
SP-26	2005-01-06	6	10	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.278

Rel-6

**customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2**

*current version:* 6.0.0

*freeze\_meeting:* NP-26

*WG (prime / other):* N4 / -

*G:* yes *U:* yes

*rapporteur:* REMOQUILLO, Angelica Lucent Technologies

*MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2001-10-26: renumbered from 23.178. NP-24: txferred to N4 on closure of N2. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-19 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TR 23.801

Rel-6

**Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements**

*current version:* 1.0.0

*freeze\_meeting:* SP-26

DRAFT

*WG (prime / other):* S2 / -

*G:* U: yes

*rapporteur:* PUDNEY, Chris

*MCC:* BOSWARTHICK, David

VODAFONE Group Plc

*remarks - general:* W1 = SP-040043. SP-25: this is a place holder for long-term discussion, but may eventually be abandoned. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-14 1 . 0 . 0 SP-040336

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## TR 23.835

Rel-6

**Study into applicability of Galileo in Location Services (LCS)**

*current version:* 1.0.0

*freeze\_meeting:* SP-26

DRAFT

*WG (prime / other):* S2 / -

*G:* U: yes

*rapporteur:* DAMIDAUX, Jean-louis

*MCC:* BOSWARTHICK, David

ALCATEL S.A.

*remarks - general:* WID contained in S2-022472. See also [http://www.esa.int/export/esaA/GGGMX650NDC\\_navigation\\_0.html](http://www.esa.int/export/esaA/GGGMX650NDC_navigation_0.html). *remarks - this release:* SP-26: May turn out to be Rel-7, may be clearer at SP-27.

*history (event, available, version, comments, hyperlink):*

S2-30 0 . 0 . 0

S2-31 2003-04-14 0 . 0 . 1 S2-031153

S2-31 0 . 0 . 2

S2-31 0 . 1 . 0

S2-31 0 . 2 . 0

SP-20 2003-05-28 1 . 0 . 0 SP-030311

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.841 Presence service architecture

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S2 /  
G: U: yes

rappporteur: BERTENYI, Balazs  
MCC: BOSWARTHICK, David

NOKIA Corporation

remarks - this release: TP-16: clear that service is Rel-6.

history (event, available, version, comments, hyperlink):

SP-16 2002-07-22 2 . 0 . 0 SP-020319  
SP-16 2002-07-25 6 . 0 . 0

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## TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

remarks - general:

This is a preparatory report which may result in the creation of a stage 2 TS  
23.246.

WG (prime / other): S2 /  
G: U: yes

rappporteur: JARVIS, Andre  
MCC: BOSWARTHICK, David

Hutchison 3G UK Ltd (3)

remarks - this release: SP-15: To be a Rel-6 service, not Rel-5.

history (event, available, version, comments, hyperlink):

draft 2002-04-12 0 . 3 . 0  
S2-24 0 . 4 . 0  
post S2-24 2002-05-22 0 . 5 . 0  
draft 2002-05-28 0 . 5 . 1  
SP-16 2002-07-04 1 . 0 . 0 SP-020361  
draft 2002-07-19 1 . 1 . 0  
draft 2002-07-22 1 . 1 . 1  
draft 2002-09-16 1 . 2 . 0  
SP-17 2002-09-24 2 . 0 . 0 SP-020535  
SP-17 2002-10-03 6 . 0 . 0  
SP-18 2003-01-13 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.851 Network sharing; Architecture and functional description

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
remarks - general: WI UID = 32044

WG (prime / other): S2 /  
G: yes U: yes  
rapporteur: NILSSON, Ulf  
MCC: BOSWARTHICK, David  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	0	
draft	0	1	0	
S2-32	2003-05-02	0	2	0 S2-031973
S2-33	2003-08-19	0	4	0
S2-33	2003-08-19	0	4	1
draft	2003-08-29	0	5	0
SP-21	2003-09-29	1	0	0 SP-030388
draft	2003-11-17	1	1	0
S2-36		1	2	0
S2-38	2004-03-03	1	3	0
SP-23	2004-03-22	2	0	0 SP-040051
SP-23	2004-04-01	6	0	0
SP-24	2004-06-25	6	1	0

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## TR 23.864

Rel-6  
current version: 0.6.0  
freeze\_meeting: SP-26  
remarks - general: Was briefly 23.964.

## Commonality and interoperability between IP Multimedia System (IMS) core networks

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: BERTENYI, Balazs  
MCC: BOSWARTHICK, David  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

S2-29	2003-02-03	0	3	1 2003-02-03: Renumbered to 23.864.
draft	2003-02-24	0	4	0
draft	2003-02-24	0	4	1
draft	2003-03-24	0	5	0
S2-31	2003-04-22	0	6	0 inc S2-031533

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.867 Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions

WG (prime / other): S2 / -

SIEMENS AG

rapporteur: LIEBHART, Rainer

DRAFT

MCC: BOSWARTHICK, David

G: U: yes

freeze\_meeting: SP-26

remarks - general: 2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060 and 23.228. remarks - this release: SP-26: Estimate approval at SP-28.

history (event, available, version, comments, hyperlink):

post S2-30	2003-04-02	0	.	0	.	0	.	0	based on S2-030911rev7 and S2-030551. <a href="#">get it</a>
draft	2003-04-17	0	.	1	.	0	.	0	<a href="#">get it</a>
post S2-32	2003-06-17	0	.	2	.	0	.	0	<a href="#">get it</a>
post S2-33	2003-07-15	0	.	3	.	0	.	0	<a href="#">get it</a>
S2-34	2003-09-04	0	.	4	.	0	.	0	<a href="#">get it</a>
S2-35		0	.	5	.	0	.	0	
S2-36	2004-01-03	0	.	6	.	0	.	0	<a href="#">get it</a>
S2-43		0	.	7	.	0	.	0	<a href="#">get it</a>
draft	2004-12-20	0	.	7	.	1	.	0	<a href="#">get it</a>
draft	2005-02-21	0	.	8	.	0	.	0	<a href="#">get it</a>

## TR 23.877 Architectural aspects of speech-enabled services

WG (prime / other): S2 / -

VODAFONE Group Plc

XUAN, Qing

rapporteur:

G: U: yes

MCC: BOSWARTHICK, David

remarks - this release:

remarks - general: WID = SP-030305 (though this tdoc is actually withdrawn!).

history (event, available, version, comments, hyperlink):

S2-34	2003-08-21	0	.	0	.	0	.	0	S2-033088	<a href="#">get it</a>
S2-35	2003-11-03	0	.	0	.	1	.	0	S2-033558	<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	.	0	SP-030663	<a href="#">get it</a>
draft	2004-01-21	1	.	1	.	0	.	0		<a href="#">get it</a>
S2-38		1	.	2	.	0	.	0		<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	.	0	SP-040047	<a href="#">get it</a>
SP-23	2004-04-01	6	.	0	.	0	.	0	G2 & S4 will use results to see if any improvements are required in their specs	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.895 Provision of UE specific behaviour information to network entities

Rel-6 current version: 6.2.0  
freeze\_meeting: SP-26

WG (prime / other): S2 /  
G: U: yes

rappporteur: PUDNEY, Chris  
MCC: BOSWARTHICK, David

VODAFONE Group Plc

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	.	4	.	0	
SP-18	2003-01-10	1	.	0	.	0
SP-18	2003-01-13	6	.	0	.	0
SP-19	2003-03-27	6	.	1	.	0
SP-20	2003-06-20	6	.	2	.	0

SP-020797 for approval  
Anticipate CR next mtg to clarify that this  
is not a loophole to allow untested UEs to  
be placed on the market.

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## TR 23.899 Combining Circuit Switched (CS) bearers with IP Multimedia Subsystem (IMS)

Rel-6 current version: 1.1.0  
freeze\_meeting: SP-26

WG (prime / other): S2 / -  
G: U: yes

rappporteur: WATSON, Mark  
MCC: BOSWARTHICK, David

Digital Fountain

remarks - general: SP-23: WI = SP-040044. SP-25: expected approval at SP-27.

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-04-16	0	.	0	.	0
S2-39	2004-04-28	0	.	1	.	0
S2-40	2004-05-27	0	.	2	.	0
S2-41		0	.	3	.	0
S2-42	2004-10-26	0	.	4	.	0
draft		0	.	4	.	1
S2-43	2004-12-03	0	.	5	.	0
SP-26	2004-12-21	1	.	0	.	0
S2-44	2005-02-25	1	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

**TR 23.903 Redial solution for voice-video switching**

Rel-6  
current\_version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: SP-24: WI = SP-040331

WG (prime / other): S2 / -  
U: yes  
G: PUDNEY, Chris  
BOSWARTHICK, David  
MCC: VODAFONE Group Plc  
rapporteur: PUDNEY, Chris  
MCC: BOSWARTHICK, David  
remarks - this release: SP-25: anticipate approval at SP-26.

**history (event, available, version, comments, hyperlink):**

S1-41	2004-08-03	0	0	1
SP-25	2004-09-20	1	0	0
SP-26	2004-12-21	2	0	0
SP-26	2005-01-05	6	0	0

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**TR 23.934**

Rel-6  
current\_version: 1.0.0  
freeze\_meeting: SP-26

**3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition**

WG (prime / other): S2 / -  
U: yes  
G: PAINT, Frédéric  
BOSWARTHICK, David  
MCC: Telenor AS  
rapporteur: PAINT, Frédéric  
MCC: BOSWARTHICK, David  
remarks - this release: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

**history (event, available, version, comments, hyperlink):**

S2-24	2002-05-07	0	1	0
SP-17	2002-09-24	1	0	0

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**TR 23.941**

Rel-6  
current\_version: 6.0.0  
freeze\_meeting: NP-26

**3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)**

WG (prime / other): N4 /  
U: yes  
G: KOZA, Yvette  
KYMALAINEN, Kimmo  
MCC: T-Mobile International AG  
rapporteur: KOZA, Yvette  
MCC: KYMALAINEN, Kimmo  
remarks - general: 2004-11-16: N4 create this from TS 23.241 which is to be withdrawn.  
remarks - this release:

**history (event, available, version, comments, hyperlink):**

NP-26	2004-12-21	2	0	0
NP-26	2005-01-07	6	0	0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series) ACTIVE specs Rel-6 23 .- series

## TR 23.976

### Rel-6 Push architecture

current version: 6.1.0  
freeze\_meeting: SP-26  
remarks - general: 2003-02-04: 23.876 -> 23.976

WG (prime / other): S2 / -

G: U: yes

rapporteur: ALFANO, Nicholas

MCC: BOSWARTHICK, David

Research In Motion Limited

remarks - this release:

### history (event, available, version, comments, hyperlink):

S2-29	2003-02-03	0	0	0	
S2-29	2003-02-03	0	0	1	<a href="#">get it</a>
draft	2003-02-24	0	1	0	<a href="#">get it</a>
draft	2003-03-24	0	2	0	<a href="#">get it</a>
S2-31	2003-05-05	0	3	0	<a href="#">get it</a>
S2-32	2003-05-27	0	4	0	<a href="#">get it</a>
S2-33	2003-07-30	0	5	0	<a href="#">get it</a>
S2-34		0	6	0	<a href="#">get it</a>
SP-21	2003-09-29	1	0	0	SP-030387
S2-35		1	1	0	
S2-36	2004-01-03	1	2	0	
S2-37	2004-01-20	1	3	0	
SP-23	2004-03-22	2	0	0	SP-040046
SP-23	2004-04-06	6	0	0	known outstanding issue
SP-23	2004-04-07	6	0	1	supplies missing abbreviations
SP-24	2004-06-23	6	1	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.977 Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks

WG (prime / other): S2 / rapporteur: SEISER, Franz T-Mobile AUSTRIA GmbH

current version: 6.1.0

MCC: BOSWARTHICK, David

freeze\_meeting: SP-26

G: U: yes

remarks - general: Work Item: Bandwidth and Resource savings and Speech enhancements for CS networks - this release: SP-23: anticipate v2.0.0 at SP-24.

### history (event, available, version, comments, hyperlink):

S2-33	0	0	0		
S2-33	0	1	0	Bears wrong number on cover sheet.	
draft	2003-07-30	0	1	1	Corrects number on cover page!
S2-34	2003-09-26	0	2	0	
S2-35	2003-11-12	0	3	0	S2-033741
SP-22	2004-01-05	1	0	0	SP-030713
S2-37	2004-01-21	1	1	0	
S2-38	2004-02-26	1	2	0	
S2-39	2004-04-27	1	3	0	
SP-24	2004-06-14	2	0	0	SP-040445
SP-24	2004-06-21	6	0	0	
SP-25	2004-09-27	6	1	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.979 3GPP enablers for Open Mobile Alliance (OMA) Push-to-talk over Cellular (PoC) services; Stage 2

Rel-6  
WG (prime / other): S2 /  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporteur: SULTANA, Shabnam Telefon AB LM Ericsson  
MCC: BOSWARTHICK, David  
remarks - general: SP-21: WI = SP-030540  
remarks - this release: SP-23: will be stabilized 3 months after OMA PoC AD work completed. SP-25: anticipate approval at SP-26.

### history (event, available, version, comments, hyperlink):

draft	2003-10-20	0	0	0	0	
post S2-35		0	1	0	0	<a href="#">get it</a>
S2-36	2004-01-03	0	2	0	0	<a href="#">get it</a>
S2-38	2004-03-03	0	3	0	0	<a href="#">get it</a>
S2-39	2004-05-12	0	4	0	0	<a href="#">get it</a>
draft		0	5	0	0	
S2-40		0	6	0	0	S2-042282
SP-24	2004-06-14	1	0	0	0	SP-040333
S2-41	2004-08-30	1	1	0	0	
draft	2004-10-18	1	2	0	0	
draft		1	2	1	0	
draft	2004-11-26	1	3	0	0	S2-043896rev1
SP-26	2004-12-21	2	0	0	0	SP-040749
SP-26	2005-01-05	6	0	0	0	

## TR 23.981

### Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-6  
WG (prime / other): S2 /  
G: U: yes  
current version: 6.2.0  
freeze\_meeting: SP-26  
rapporteur: MILINSKI, Alexander SIEMENS AG  
MCC: BOSWARTHICK, David  
remarks - general: SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert remarks - this release: 23.881 to 23.981. Agreed at S2-39.

### history (event, available, version, comments, hyperlink):

S2-39	2004-05-04	1	1	0	0	derived from 23.981 v1.0.0
draft	2004-05-12	1	1	1	1	
SP-24	2004-06-14	2	0	0	0	SP-040337
SP-24	2004-06-23	6	0	0	0	
SP-25	2004-09-27	6	1	0	0	
SP-26	2005-01-05	6	2	0	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Rel-6 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

Rel-6 current version: 6.0.0 freeze\_meeting: NP-26 WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L. Skov

G: yes U: yes MCC: JURISIC, Andrijana

remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-6 current version: 6.3.0 freeze\_meeting: NP-26 WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: yes MCC: JURISIC, Andrijana

remarks - general: Transfer>TSG#4, CR at TSG#5

### history (event, available, version, comments, hyperlink):

NP-22 2004-01-08 6 . 0 . 0 [get it](#)  
NP-24 2004-06-21 6 . 1 . 0 [get it](#)  
NP-25 2004-09-27 6 . 2 . 0 [get it](#)  
NP-26 2005-01-07 6 . 3 . 0 [get it](#)

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

WG (prime / other): N1 / -

rappporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

freeze\_meeting: NP-26

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19	2003-03-24	6	.	0	.	0
NP-20	2003-07-04	6	.	1	.	0
NP-21	2003-10-09	6	.	2	.	0
NP-22	2004-01-12	6	.	3	.	0
NP-23	2004-03-22	6	.	4	.	0
NP-24	2004-06-14	6	.	5	.	0
NP-25	2004-09-27	6	.	6	.	0
NP-26	2005-01-07	6	.	7	.	0

[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 24.010

### Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

WG (prime / other): N4 / -

rappporteur: ANDERSEN, Niels Peter

MCC: KYMALAINEN, Kimmo

Skov

QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: NP-26

G: yes U: yes

remarks - general:

remarks - this release:

Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-03	6	.	0	.	0
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 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

WG (prime / other): N1 / T2

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: NP-26

G: yes U: yes

MCC:

JURISIC, Andrijana

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-21 2003-10-10 6 . 0 . 0 [get it](#)

---

## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

WG (prime / other): N3 / -

rapporteur: KLEHN, Norbert SIEMENS AG

freeze\_meeting: NP-26

MCC:

HAN, Seung Don

remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

WG (prime / other): N4 / -

rapporteur: GARAPATY, Sonia Nortel Networks (USA)

freeze\_meeting: NP-26

MCC:

KYMALAINEN, Kimmo

remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-01-12 6 . 0 . 0 [get it](#)

NP-23 2004-03-23 6 . 1 . 0 [get it](#)

NP-26 2005-01-07 6 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

N4 / -

rapporporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 24.072 Call Deflection Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

N4 / -

rapporporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

Rel-6  
current version: 6.2.0  
freeze\_meeting: NP-26

N4 / -

rapporporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-01-12 6 . 0 . 0  
NP-23 2004-03-23 6 . 1 . 0  
NP-26 2005-01-07 6 . 2 . 0

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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.081 Line Identification Supplementary Service; Stage 3

Rel-6 current version: 6.0.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 24.082 Call Forwarding supplementary service; Stage 3

Rel-6 current version: 6.0.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-6 current version: 6.0.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: RUSSELL, Nick

MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19 2003-04-04 6 . 0 . 0

[get it](#)

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: BRUSS, Jörg  
MCC: KYMALAINEN, Kimmo

ERICSSON Eurolab Deutschland GmbH  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.109 Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details

WG (prime / other): N1 /

G: U: yes

rapporateur: VARGA, József

MCC: JURISIC, Andrijana

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-03-22	0	0	0	1	
N1-33b	2004-04-27	0	1	1	0	<a href="#">get it</a>
N1-34	2004-05-25	0	2	2	0	<a href="#">get it</a>
N1-34b	2004-07-01	0	3	3	0	<a href="#">get it</a>
N1-35	2004-08-31	2	0	0	0	<a href="#">get it</a>
post N1-35	2004-09-03	2	1	1	0	<a href="#">get it</a>
NP-25	2004-09-03	2	1	1	1	<a href="#">get it</a>
NP-25	2004-09-20	2	1	2	2	<a href="#">get it</a>
NP-25	2004-09-27	6	0	0	0	<a href="#">get it</a>
NP-26	2005-01-07	6	1	1	0	<a href="#">get it</a>

[note that rapporteur produced a second version 2.0.0, which is ignored]

## TS 24.135 Multicast supplementary service; Stage 3

WG (prime / other): N4 / -

G: U: yes

rapporateur: MITAMURA, Kazuo

MCC: KYMALAINEN, Kimmo

NTT COMMWARE Corporation

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-03	6	0	0	0	<a href="#">get it</a>
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Upgrade on Rel-6 freeze

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.141 Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 WG (prime / other): N1 / DRAGE, Keith / rapporteur: Lucent Technologies Network Systems UK

current version: 6.2.0

freeze\_meeting: NP-26

G: yes U: yes

MCC: JURISIC, Andrijana

remarks - general: W1 = PRSNC (UID 2499)

remarks - this release: NP-26: Expect completion by NP-27.

### history (event, available, version, comments, hyperlink):

draft	0	0	1	
draft	0	0	2	
N1-31	0	0	3	
N1-31	0	0	4	
N1-31	2003-09-11	0	1	0
N1-32	2003-11-12	0	2	0
N1-33	2004-05-25	0	3	0
NP-24	2004-05-26	2	0	0 NP-040200 ex N1-34
NP-24	2004-06-14	6	0	0
NP-25	2004-09-27	6	1	0
NP-26	2005-01-11	6	2	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.147 Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 current version: 6.1.0 / rapporteur: MAYER, Georg / NOKIA Corporation

freeze\_meeting: NP-26 / MCC: JURISIC, Andrijana

remarks - general: 2003-06: WID is NP-030286 = IMS-CCR-E

WG (prime / other): N1 / remarks - this release:  
G: yes U: yes

history (event, available, version, comments, hyperlink):

draft	0	0	0	1	
draft	0	0	0	2	
draft 2003-06-30	0	0	0	3	<a href="#">get it</a>
draft 2003-06-30	0	0	0	4	<a href="#">get it</a>
					technically identical to v003 but has the number on the front cover
draft 2003-07-10	0	0	0	5	<a href="#">get it</a>
draft 2003-09-12	0	1	0	0	<a href="#">get it</a>
N1-34 2004-05-24	1	0	0	0	<a href="#">get it</a>
					Material was shifted from version 3GPP TR 29.847 version 2.0.0 based on the agreed CR in N1-040875.
post N1-34 editos	2004-05-25	1	0	1	<a href="#">get it</a>
N1-34b 2004-06-22	1	1	0	0	<a href="#">get it</a>
N1-35 2004-09-03	1	2	0	0	<a href="#">get it</a>
NP-25 2004-09-20	2	0	0	0	NP-040367
NP-25 2004-09-27	6	0	0	0	<a href="#">get it</a>
NP-26 2005-01-07	6	1	1	0	<a href="#">get it</a>

## TS 24.167 3GPP IMS Management Object (MO); Stage 3

Rel-6 current version: 1.1.0 / rapporteur: MONRAD, Atle / Telefon AB LM Ericsson

freeze\_meeting: NP-26 / MCC: JURISIC, Andrijana

WG (prime / other): N1 / remarks - this release:  
G: U: yes

remarks - general:

history (event, available, version, comments, hyperlink):

NP-26	2004-12-21	1	0	0	NP-040499
N1-37	2005-02-25	1	1	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.229 Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-6 current version: 6.5.1 / - rapporteur: DRAGE, Keith  
freeze\_meeting: NP-26 / - MCC: JURISIC, Andrijana  
Lucent Technologies Network Systems UK

remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS.  
G: yes U: yes remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-21	2003-09-29	6	.	0	.	0		<a href="#">get it</a>
NP-22	2004-01-19	6	.	1	.	0		<a href="#">get it</a>
NP-23	2004-03-22	6	.	2	.	0		<a href="#">get it</a>
NP-24	2004-06-14	6	.	3	.	0		<a href="#">get it</a>
NP-25	2004-09-27	6	.	4	.	0		<a href="#">get it</a>
NP-26	2005-01-07	6	.	5	.	0		<a href="#">get it</a>
NP-26	2005-01-10	6	.	5	.	1	fixes Word problem	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.234 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3

Rel-6 current version: 6.1.1 rapporteur: SITCH, Paul

freeze\_meeting: NP-26

WG (prime / other): N1 / -

G: U: yes

NOKIA Corporation

JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

N1-31	0	0	1						<a href="#">get it</a>
N1-31	2003-09-29	0	1	0					<a href="#">get it</a>
N1-32	2003-11-12	0	2	0					<a href="#">get it</a>
NP-22	2004-01-05	1	0	0	NP-030491				<a href="#">get it</a>
N1-32b	2004-02-02	1	1	0					<a href="#">get it</a>
N1-33	2004-02-26	1	2	0					<a href="#">get it</a>
N1-33b		1	3	0					<a href="#">get it</a>
N1-34	2004-05-25	1	4	0					<a href="#">get it</a>
draft	2004-05-27	1	4	1					<a href="#">get it</a>
N1-34b	2004-07-02	1	5	0					<a href="#">get it</a>
N1-34b		1	5	1	May possibly exist, though history box is unclear.				
N1-35	2004-08-30	1	6	0	Cover and history box erroneously shows v1.60.0				<a href="#">get it</a>
NP-25	2004-09-20	2	0	0	NP-040365				<a href="#">get it</a>
NP-25	2004-09-27	6	0	0					<a href="#">get it</a>
NP-26	2005-01-07	6	1	0					<a href="#">get it</a>
edito post NP-26	2005-01-10	6	1	1	fixes Word problem				<a href="#">get it</a>

## TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3

Rel-6 current version: 0.5.0

freeze\_meeting: NP-26

WG (prime / other): N4 / T2

rapporteur: KYMALAINEN, Kimmo

MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - general:

Cf work item "Generic user profile" - may be renumbered to 27.241. NP-24/TP-24: xferred from T2 to N4.

remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

history (event, available, version, comments, hyperlink):

draft	2002-05-28	0	3	0					<a href="#">get it</a>
draft	2003-09-12	0	4	3					<a href="#">get it</a>
draft	2003-11-03	0	5	0	T2-030570				<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.247 Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6  
current version: 6.0.1  
freeze\_meeting: NP-26  
remarks - general: 2003-06: WID is NP-030286 = IMS-CCR-E

NOKIA Corporation

rappporteur: MAYER, Georg  
MCC: JURISIC, Andrijana

N1 /  
WG (prime / other):  
G: U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2003-08-19	0	0	0	<a href="#">get it</a>
draft	2003-10-10	0	1	0	<a href="#">get it</a>
draft	2003-12-04	0	2	0	<a href="#">get it</a>
draft	2004-01-03	0	2	1	<a href="#">get it</a>
N1-32b	2004-02-02	0	3	0	<a href="#">get it</a>
post N1-32b	2004-02-04	0	3	1	<a href="#">get it</a>
N1-33	2004-02-23	0	4	0	<a href="#">get it</a>
post N1-33	2004-02-26	0	4	1	<a href="#">get it</a>
N1-33b	2004-04-05	0	5	0	<a href="#">get it</a>
N1-34		1	0	0	
post N1-34 editorials	2004-05-25	1	0	1	<a href="#">get it</a>
N1-34b	2004-06-22	1	1	0	<a href="#">get it</a>
NP-25	2004-09-03	1	2	0	<a href="#">get it</a>
NP-26	2004-12-21	2	0	0	<a href="#">get it</a>
NP-26		6	0	0	<a href="#">get it</a>
NP-26	2005-01-07	6	0	1	<a href="#">get it</a>

Includes N1-040200.  
change record claims this version is 2.0.1  
history box claims v2.1.0 following v2.0.1.  
NP-040328 ex N1-35  
NP-040611  
erroneous version 6.0.0 generated from v1.3.0: NP-04500, withdrawn  
Generated from v.2.0.0 on approval.

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

**TR 24.841**   **Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details**  
Rel-6   *current version:* 6.0.0   *rapporateur:* DRAGE, Keith   Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26   *MCC:* JURISIC, Andrijana

*remarks - general:*   *U: yes*   *U: yes*   *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

event	available	version	comments	hyperlink
draft	0	0	0	
N1-25	0	0	1	
N1-26	2002-09-17	0	1	<a href="#">get it</a>
N1-26	2002-10-03	0	2	<a href="#">get it</a>
N1-26bis	2002-11-14	0	3	<a href="#">get it</a>
N1-27	2003-01-17	0	4	<a href="#">get it</a>
N1-28	2003-03-04	0	5	<a href="#">get it</a>
N1-29	2003-05-06	0	6	<a href="#">get it</a>
NP-20	2003-06-02	1	0	<a href="#">get it</a>
draft	2003-09-26	1	1	<a href="#">get it</a>
draft	2003-09-29	1	1	<a href="#">get it</a>
post N1-31	2003-10-08	1	1	<a href="#">get it</a>
N1-32		1	2	<a href="#">get it</a>
N1-32b	2004-02-02	1	3	<a href="#">get it</a>
N1-33	2004-02-26	1	4	<a href="#">get it</a>
post N1-33	2004-03-03	1	4	<a href="#">get it</a>
post N1-33	2004-03-22	1	4	<a href="#">get it</a>
N1-33b	2004-04-13	1	5	<a href="#">get it</a>
N1-33b	2004-04-27	1	5	<a href="#">get it</a>
N1-34	2004-05-25	1	6	<a href="#">get it</a>
NP-24	2004-06-25	2	0	<a href="#">get it</a>
NP-24	2004-06-14	6	0	<a href="#">get it</a>

Rel-6   **25** .- series   Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-6  
current version: 6.6.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rappporteur: FERNANDES, Edgar MOTOROLA Ltd  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release: RP-16 agreed not to implement the CR creating this Release.

history (event, available, version, comments, hyperlink):

RP-19	2003-04-04	6	.	0	.	0	RP-16 agreed not to implement the CR creating this Release.	<a href="#">get it</a>
RP-20	2003-06-27	6	.	1	.	0		<a href="#">get it</a>
RP-21	2003-09-29	6	.	2	.	0		<a href="#">get it</a>
RP-22	2004-01-23	6	.	3	.	0		<a href="#">get it</a>
RP-23	2004-04-01	6	.	4	.	0		<a href="#">get it</a>
RP-25	2004-09-30	6	.	5	.	0		<a href="#">get it</a>
RP-26	2005-01-07	6	.	6	.	0		<a href="#">get it</a>

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rappporteur: KOTTKAMP, Meik SIEMENS AG  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22	2004-01-20	6	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-6  
current version: 6.8.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
U: yes  
rapporteur: SKÖLD, Johan  
MCC: GUTIERREZ MIGUELEZ, Cesar  
Telefon AB LM Ericsson  
GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-18 2003-01-10 6 . 0 . 0 Early ETSI publication because  
referenced in SCP publications.

RP-19 2003-04-04 6 . 1 . 0  
RP-20 2003-06-27 6 . 2 . 0  
RP-21 2003-09-29 6 . 3 . 0  
RP-22 2004-01-23 6 . 4 . 0  
RP-23 2004-04-01 6 . 5 . 0  
RP-24 2004-06-24 6 . 6 . 0  
RP-25 2004-09-30 6 . 7 . 0  
RP-26 2005-01-06 6 . 8 . 0

[get it](#)

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## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
U: yes  
rapporteur: KOTTKAMP, Meik  
MCC: GUTIERREZ MIGUELEZ, Cesar  
SIEMENS AG  
GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-20 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-24 2004-06-24 6 . 1 . 0  
RP-26 2005-01-06 6 . 2 . 0

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[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.106 UTRA repeater radio transmission and reception

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26

WG (prime / other): R4 / -  
rapporteur: NILSSON, Martin  
One  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
Indicate persons who left Company and wait for new  
remarks - this release: created for M.1457 update

remarks - general:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-20 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-24 2004-06-24 6 . 1 . 0 [get it](#)  
RP-25 2004-09-30 6 . 2 . 0 [get it](#)

## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26

WG (prime / other): R4 / -  
rapporteur: BARNES, David DTI - Department of Trade and Industry  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release: created for M.1457 update

remarks - general:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-23 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-26 2005-01-06 6 . 1 . 0 [get it](#)

## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-6  
current version: 6.3.0  
freeze\_meeting: RP-26

WG (prime / other): R4 / -  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-23 6 . 0 . 0 [get it](#)  
RP-23 2004-04-01 6 . 1 . 0 [get it](#)  
RP-24 2004-06-24 6 . 2 . 0 [get it](#)  
RP-25 2004-09-30 6 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.133 Requirements for support of radio resource management (FDD)

Rel-6  
current version: 6.8.0  
freeze\_meeting: RP-26

WG (prime / other): R4 / -

rapporteur: GUERRINI, Claudio

TELECOM ITALIA S.p.A.

G: GUTIERREZ MIGUELEZ, Cesar

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-18	2003-01-10	6	.	0	.	0
RP-19	2003-04-04	6	.	1	.	0
RP-20	2003-07-01	6	.	2	.	0
RP-21	2003-10-10	6	.	3	.	0
RP-22	2004-01-23	6	.	4	.	0
RP-23	2004-04-01	6	.	5	.	0
RP-24	2004-06-24	6	.	6	.	0
RP-25	2004-09-30	6	.	7	.	0
RP-26	2005-01-07	6	.	8	.	0

## TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-6  
current version: 6.8.0  
freeze\_meeting: RP-26

WG (prime / other): R4 / -

rapporteur: NAKAMURA, Takaharu

Fujitsu Limited

G: GUTIERREZ MIGUELEZ, Cesar

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-18	2003-01-10	6	.	0	.	0	Early ETSI publication because referenced in SCP publications.
RP-19	2003-04-04	6	.	1	.	0	
RP-20	2003-06-27	6	.	2	.	0	
RP-21	2003-09-29	6	.	3	.	0	
RP-22	2004-01-23	6	.	4	.	0	
RP-23	2004-04-01	6	.	5	.	0	
RP-24	2004-06-24	6	.	6	.	0	
RP-25	2004-09-30	6	.	7	.	0	
RP-26	2005-01-06	6	.	8	.	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-6 current version: 6.2.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: MEYER, Juergen  
MCC: GUTIERREZ MIGUELEZ, Cesar  
SIEMENS AG

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-20 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-24 2004-06-24 6 . 1 . 0  
RP-26 2005-01-06 6 . 2 . 0  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.143 UTRA repeater conformance testing

Rel-6 current version: 6.2.0

freeze\_meeting: RP-26

remarks - general: Created by renumbering 25.107

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: KUMMETZ, Thomas  
MCC: GUTIERREZ MIGUELEZ, Cesar  
MIKOM GmbH - An Andrew Company

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-20 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-24 2004-06-24 6 . 1 . 0  
RP-25 2004-09-30 6 . 2 . 0  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.171 Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)

Rel-6  
WG (prime / other): R4 /  
G: U: yes  
current version: 6.1.0  
freeze\_meeting: RP-26  
MCC: SHEN, Donglin  
Cingular Wireless LLC  
GUTIERREZ MIGUELEZ, Cesar  
remarks - general: W1 UID = 24012  
remarks - this release:

history (event, available, version, comments, hyperlink):  
R4-31 2004-05-18 0 . 0 . 0 based on R4-040387  
draft 0 . 1 . 0  
R4-32 2004-09-30 0 . 2 . 0  
draft 0 . 2 . 0  
RP-25 2004-09-20 1 . 0 . 0 RP-040341  
RP-25 2004-09-30 6 . 0 . 0  
RP-26 2005-01-06 6 . 1 . 0

[get it](#)

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## TS 25.201 Physical layer - general description

Rel-6  
WG (prime / other): R1 / -  
G: U: yes  
current version: 6.1.0  
freeze\_meeting: RP-26  
MCC: GERSTENBERGER, Dirk Telefon AB LM Ericsson  
ISHII, Yoshikazu  
remarks - general:  
remarks - this release: created for M.1457 update

WG (prime / other): R1 / -

G: U: yes

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-26 2005-01-05 6 . 1 . 0

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-6  
current version: 6.3.0  
freeze\_meeting: RP-26

reporteur: PARKVALL, Stefan  
MCC: Ericsson AB  
ISHII, Yoshikazu

WG (prime / other): R1 / -  
G: U: yes

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22	2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6 . 1 . 0		<a href="#">get it</a>
RP-25	2004-09-28	6 . 2 . 0		<a href="#">get it</a>
RP-26	2005-01-05	6 . 3 . 0		<a href="#">get it</a>

## TS 25.212 Multiplexing and channel coding (FDD)

Rel-6  
current version: 6.3.0  
freeze\_meeting: RP-26

reporteur: MICHEL, Jürgen  
MCC: SIEMENS AG  
ISHII, Yoshikazu

WG (prime / other): R1 / -  
G: U: yes

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22	2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-02	6 . 1 . 0		<a href="#">get it</a>
RP-24	2004-06-18	6 . 2 . 0		<a href="#">get it</a>
RP-26	2005-01-05	6 . 3 . 0		<a href="#">get it</a>

## TS 25.213 Spreading and modulation (FDD)

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26

reporteur: WILLENEGGER, Serge  
MCC: QUALCOMM EUROPE S.A.R.L.  
ISHII, Yoshikazu

WG (prime / other): R1 / -  
G: U: yes

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22	2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-26	2005-01-05	6 . 1 . 0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 25 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.214 Physical layer procedures (FDD)

Rel-6  
current version: 6.4.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -  
G: U: yes

rappporteur: BOUMENDIL, Sarah  
MCC: ISHII, Yoshikazu

NORTEL NETWORKS (EUROPE)

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22	2004-01-14	6	0	0	0	Required for update of ITU-R M.1457
RP-23	2004-04-02	6	1	1	0	<a href="#">get it</a>
RP-24	2004-06-18	6	2	2	0	<a href="#">get it</a>
RP-25	2004-09-28	6	3	3	0	<a href="#">get it</a>
RP-26	2005-01-05	6	4	4	0	<a href="#">get it</a>

## TS 25.215 Physical layer; Measurements (FDD)

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -  
G: U: yes

rappporteur: SUZUKI, Hidetoshi  
MCC: ISHII, Yoshikazu

Panasonic Mobile Communications Co.,Ltd.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22	2004-01-14	6	0	0	0	Minor problems implementing CRs. See readme file.
RP-26	2005-01-05	6	1	1	0	<a href="#">get it</a>

## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -  
G: U: yes

rappporteur: CHAPMAN, Thomas  
MCC: ISHII, Yoshikazu

SIEMENS AG

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22	2004-01-14	6	0	0	0	Required for update of ITU-R M.1457
RP-24	2004-06-18	6	1	1	0	<a href="#">get it</a>
RP-26	2005-01-05	6	2	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.222 Multiplexing and channel coding (TDD)

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / - rapporteur: BEALE, Martin IPWireless Inc.

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-25 2004-09-28 6 . 1 . 0 [get it](#)  
RP-26 2005-01-05 6 . 2 . 0 [get it](#)

---

## TS 25.223 Spreading and modulation (TDD)

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / - rapporteur: ISHII, Yoshikazu

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

---

## TS 25.224 Physical layer procedures (TDD)

Rel-6  
current version: 6.3.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / - rapporteur: RUDOLF, Marian INTERDIGITAL COMMUNICATIONS CORPORATION

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-24 2004-06-18 6 . 1 . 0 [get it](#)  
RP-25 2004-09-28 6 . 2 . 0 [get it](#)  
RP-26 2005-01-05 6 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.225 Physical layer; Measurements (TDD)**  
Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R1 / -  
G: U: yes  
rapporteur: CZAPLA, Liliana  
MCC: ISHII, Yoshikazu  
INTERDIGITAL COMMUNICATIONS CORPORATION  
remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-23 2004-04-02 6 . 1 . 0 [get it](#)

---

**TS 25.301 Radio interface protocol architecture**

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: EKEMARK, Sven  
MCC: ARZELIER, Claude  
Telefon AB LM Ericsson  
remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-26 2004-12-23 6 . 1 . 0 [get it](#)

---

**TS 25.302 Services provided by the physical layer**

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: MIHAILESCU, Claudiu  
MCC: ARZELIER, Claude  
NORTEL NETWORKS (EUROPE)  
V3.0.0 approved via e-mail July 99 CR at TSG#5?  
remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-23 2004-03-24 6 . 1 . 0 [get it](#)  
RP-26 2004-12-23 6 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.303 Interlayer procedures in Connected Mode

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26

WG (prime / other): R2 / - rapporteur: MIKOLA, Juha  
G: U: yes MCC: ARZELIER, Claude

NOKIA Corporation

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-25 2004-09-23 6 . 1 . 0  
RP-26 2004-12-23 6 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

## TS 25.304

Rel-6

current version: 6.4.0  
freeze\_meeting: RP-26

### User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

WG (prime / other): R2 / - rapporteur: BARRETO, Luis  
G: U: yes MCC: ARZELIER, Claude

NOKIA UK Ltd

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-23 2004-03-24 6 . 1 . 0  
RP-24 2004-06-17 6 . 2 . 0  
RP-25 2004-09-23 6 . 3 . 0  
RP-26 2004-12-23 6 . 4 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.305

Rel-6

current version: 6.1.0  
freeze\_meeting: RP-26

### User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN), Stage 2

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu  
G: U: yes MCC: ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

remarks - general: Created from 25.923

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-24 2004-06-17 6 . 1 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.306 UE Radio Access capabilities definition

Rel-6 current version: 6.3.0

freeze\_meeting: RP-26

remarks - general: Converted from TR 25.926 at TSG#10.

WG (prime / other): R2 / -

G: U: yes

rappporteur: BERGGREN, Anders

MCC: ARZELIER, Claude

Ericsson Incorporated

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457

RP-23 2004-03-24 6 . 1 . 0

RP-24 2004-06-17 6 . 2 . 0

RP-26 2005-01-04 6 . 3 . 0

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## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-6 current version: 6.1.0

freeze\_meeting: RP-26

remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

NORTEL NETWORKS (EUROPE)

rappporteur: FAUCONNIER, Denis

MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0

RP-23 2004-03-24 6 . 1 . 0

[get it](#)

[get it](#)

## TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2

Rel-6 current version: 6.3.0

freeze\_meeting: RP-26

remarks - general: TS created from entrails of TR 25.855.

WG (prime / other): R2 /

G: U: yes

rappporteur: KUCHIBHOTLA, Ravi

MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457

RP-23 2004-03-24 6 . 1 . 0

RP-25 2004-09-27 6 . 2 . 0

RP-26 2004-12-23 6 . 3 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.309 FDD enhanced uplink; Overall description; Stage 2

Rel-6 current version: 6.1.0

freeze\_meeting: RP-26

remarks - general: W1 = "FDD Enhanced Uplink"

WG (prime / other): R2 / -

G: U: yes

rapporteur: GODARD, Tania

MCC: ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	1	
draft	0	1	0	
draft	2004-07-01	0	2	0 R2-041409
draft	2004-08-31	0	3	0 R2-041910, based on agreements of RAN1#38 and RAN2#43. New (unused) version as R2-041915.
RP-25	2004-09-03	1	0	0 RP-040358
RP-25	2004-09-23	6	0	0
RP-26	2004-12-23	6	1	0

## TS 25.321 Medium Access Control (MAC) protocol specification

Rel-6 current version: 6.3.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur: STADLER, Thomas

MCC: ARZELIER, Claude

SIEMENS AG

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22	2004-01-12	6	0	0 Required for update of ITU-R M.1457
RP-23	2004-03-24	6	1	0
RP-24	2004-06-17	6	2	0
RP-26	2005-01-05	6	3	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-6 current version: 6.2.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R2 / -  
G: U: yes

Philips Research Laboratories

rappporteur: HUS, Olivier

MCC: ARZELIER, Claude

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457

RP-24 2004-06-17 6 . 1 . 0

RP-26 2004-12-23 6 . 2 . 0

[get it](#)

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## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-6 current version: 6.0.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R2 / -  
G: U: yes

INFINEON TECHNOLOGIES

rappporteur: HANS, Martin

MCC: ARZELIER, Claude

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457

[get it](#)

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-6 current version: 6.2.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R2 / -  
G: U: yes

Vodafone D2 GmbH

rappporteur: HARTL, Mike

MCC: ARZELIER, Claude

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457

RP-24 2004-06-17 6 . 1 . 0

RP-26 2005-01-04 6 . 2 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series) ACTIVE specs Rel-6 25 .- series

## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-6 current version: 6.4.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rappporteur: KUCHIBHOTLA, Ravi

MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - this release: RP-21: Created by CR at RP-21, but will not be created until more substantive CRs are required. (Saves on maintenance work.)

history (event, available, version, comments, hyperlink):

RP-22 2004-01-12 6 . 0 . 0

RP-21 6 . 0 . 0

RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.

edito post RP-22 2004-01-20 6 . 0 . 1  
Some figures are not visible in these 2 documents. See figure 8.3.1-5 and 8.3.1-6, figures 8.3.1-8 to 8.3.1-10. There is an error message => Error! Objects cannot be created from editing field codes.

RP-23 2004-03-29 6 . 1 . 0

RP-24 2004-07-02 6 . 2 . 0

RP-25 2004-09-28 6 . 3 . 0

RP-26 2004-12-23 6 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.346 Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2

Rel-6 current version: 6.3.0 freeze\_meeting: RP-26 rapporteur: PIRSKANEN, Juho NOKIA Corporation

WG (prime / other): R2 / - MCC: ARZELIER, Claude

G: U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

R2-31 0 . 0 . 1 R2-021846

R2-32 0 . 1 . 0 R2-020590

R2 / R3 MBMS ad 2002-10-14 1 . 1 . 0 R2-030006

[get it](#)

hoc

draft 2003-01-23 1 . 2 . 0

draft 2003-02-03 1 . 3 . 0

R2-34 1 . 4 . 0 R2-030122

R2-35 1 . 5 . 0 R2-030707

R2 / R3 MBMS ad 2003-05-21 1 . 6 . 0 R2-030882

[get it](#)

hoc

RP-20 2003-06-02 2 . 0 . 0 RP-030309 - not approved

draft 2 . 0 . 1 mods based on v2.0.0 so this version not

uploaded (invalid) because v2.1.0 already

available

R2-37 2003-08-19 2 . 1 . 0 cleaned up draft from MCC

[get it](#)

R2-38 2003-11-03 2 . 3 . 0

[get it](#)

R2-39 2003-12-05 2 . 4 . 0 RP-030653; various early draft versions

of v2.4.0 were circulated on R2 exploder

[get it](#)

Several drafts bearing this version

number were distributed. Only the first

was kept.

R2-40 2004-01-30 2 . 5 . 0 (ex R3-41 - yes, really) RP-040079

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.401 UTRAN overall description

Rel-6  
current version: 6.5.0  
freeze\_meeting: RP-26  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: GODIN, Philippe  
MCC: CALDENHOVEN, Juergen  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-19 2003-03-26 6 . 0 . 0 [get it](#)  
RP-20 2003-06-17 6 . 1 . 0 [get it](#)  
RP-22 2004-01-13 6 . 2 . 0 [get it](#)  
RP-24 2004-06-23 6 . 3 . 0 [get it](#)  
RP-25 2004-09-24 6 . 4 . 0 [get it](#)  
RP-26 2005-01-06 6 . 5 . 0 [get it](#)

## TS 25.402 Synchronisation in UTRAN Stage 2

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26  
remarks - general: New

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG  
remarks - this release: created for M.1457 update

### history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-26 2005-01-06 6 . 1 . 0 [get it](#)  
[get it](#)

## TS 25.409 Enhanced uplink UTRA FDD; Stage 3

Rel-6  
current version: none  
freeze\_meeting: RP-26  
remarks - general: 2004-08-04: Spec number reserved for eventual spec resulting from 25.909

WG (prime / other): R3 /  
G: U: yes  
rapporteur: STOJANOVSKI, Sašo  
MCC: CALDENHOVEN, Juergen  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.410 UTRAN lu interface: General Aspects and Principles

Rel-6  
current\_version: 6.2.0  
freeze\_meeting: RP-26  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: DIESEN, Michael  
MCC: CALDENHOVEN, Juergen  
MOTOROLA Ltd  
remarks - this release: created for M.1457 update

### history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-24 2004-06-18 6 . 1 . 0  
RP-26 2005-01-06 6 . 2 . 0  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.411 UTRAN lu interface layer 1

Rel-6  
current\_version: 6.1.0  
freeze\_meeting: RP-26

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG  
remarks - this release: created for M.1457 update

### remarks - general:

### history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-25 2004-09-24 6 . 1 . 0  
[get it](#)  
[get it](#)

## TS 25.412 UTRAN lu interface signalling transport

Rel-6  
current\_version: 6.1.0  
freeze\_meeting: RP-26

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: NG, Cheng Hock  
MCC: CALDENHOVEN, Juergen  
NEC Corporation  
remarks - this release: created for M.1457 update

### remarks - general:

### history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-26 2005-01-06 6 . 1 . 0  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-6 *WG (prime / other):* R3 / - *rappporteur:* GUYOT, Olivier NOKIA Corporation  
*freeze\_meeting:* RP-26 *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *U:* yes  
*remarks - this release:* created for M.1457 update

### *history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-01	6 . 1 . 0		<a href="#">get it</a>
RP-24	2004-06-21	6 . 2 . 0		<a href="#">get it</a>
RP-25	2004-09-24	6 . 3 . 0		<a href="#">get it</a>
RP-26	2005-01-07	6 . 4 . 0		<a href="#">get it</a>
RP-26	2005-01-21	6 . 4 . 1	space removed in ASN.1 from "IuBMSessionStartResponse"	<a href="#">get it</a>

## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-6 *WG (prime / other):* R3 / - *rappporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *U:* yes  
*remarks - this release:* created for M.1457 update

### *history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6 . 1 . 0		<a href="#">get it</a>
RP-25	2004-09-24	6 . 2 . 0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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## TS 25.415 UTRAN Iu interface user plane protocols

Rel-6  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rapporporteur: ISRAELSSON, Martin  
MCC: CALDENHOVEN, Juergen

Telefon AB LM Ericsson  
remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-25 2004-09-24 6 . 1 . 0

[get it](#)  
[get it](#)

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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-6  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rapporporteur: MCWILLIAMS, Brendan  
MCC: CALDENHOVEN, Juergen

VODAFONE Group Plc  
remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-23 2004-04-01 6 . 1 . 0  
RP-26 2005-01-06 6 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-6  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rapporporteur: PALAT, Sudeep  
MCC: CALDENHOVEN, Juergen

Lucent Technologies Network Systems UK  
remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-24 2004-06-18 6 . 1 . 0  
RP-26 2005-01-06 6 . 2 . 0

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.421 UTRAN Iur interface Layer 1

Rel-6 current version: 6.0.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rappporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

SIEMENS AG

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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## TS 25.422 UTRAN Iur interface signalling transport

Rel-6 current version: 6.0.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rappporteur: PALAT, Sudeep

MCC: CALDENHOVEN, Juergen

Lucent Technologies Network Systems UK

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-6 current version: 6.4.1

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rappporteur: ERICSSON, Ingela

MCC: CALDENHOVEN, Juergen

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-22 6 . 0 . 0

RP-23 2004-04-01 6 . 1 . 0

RP-24 2004-06-23 6 . 2 . 0

RP-25 2004-09-28 6 . 3 . 0

RP-26 2005-01-06 6 . 4 . 0

RP-26 2005-01-21 6 . 4 . 1

space removed in ASN.1 from

MBMSAttach- and DetachCommand

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

WG (prime / other): R3 / -  
G: U: yes

rapporporteur: DREVON, Nicolas  
MCC: CALDENHOVEN, Juergen

ALCATEL S.A.

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-23 2004-04-01 6 . 1 . 0

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## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

WG (prime / other): R3 / -  
G: U: yes

rapporporteur: DREVON, Nicolas  
MCC: CALDENHOVEN, Juergen

ALCATEL S.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0  
RP-23 2004-04-01 6 . 1 . 0

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## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

WG (prime / other): R3 / -  
G: U: yes

rapporporteur: KEKKI, Sami  
MCC: CALDENHOVEN, Juergen

NOKIA Corporation

remarks - general:

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457  
RP-23 2004-04-01 6 . 1 . 0  
RP-24 2004-06-18 6 . 2 . 0  
RP-25 2004-09-24 6 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R3 / -

U: yes

rappporteur: HAKULI, Tuomas

MCC: CALDENHOVEN, Juergen

G: NOKIA Corporation

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457

RP-26 2005-01-06 6 . 1 . 0

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---

## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-6  
current version: 6.3.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R3 / -

G: Fujitsu Limited

rappporteur: KOIZUMI, Yoshiko

MCC: CALDENHOVEN, Juergen

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457

RP-24 2004-06-18 6 . 1 . 0

RP-25 2004-09-24 6 . 2 . 0

RP-26 2005-01-06 6 . 3 . 0

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## TS 25.431 UTRAN Iub interface Layer 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R3 / -

G: SIEMENS AG

rappporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.432 UTRAN Iub interface: signalling transport

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: KOIZUMI, Yoshiko

MCC: CALDENHOVEN, Juergen

Fujitsu Limited

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

## TS 25.433 UTRAN Iub interface NBAP signalling

Rel-6  
current version: 6.4.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: SEHEDIC, Yann

MCC: CALDENHOVEN, Juergen

Nortel Networks Germany GmbH & Co. KG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22 2004-01-22 6 . 0 . 0 [get it](#)  
RP-23 2004-04-01 6 . 1 . 0 [get it](#)  
RP-24 2004-06-23 6 . 2 . 0 [get it](#)  
RP-25 2004-09-28 6 . 3 . 0 [get it](#)  
RP-26 2005-01-06 6 . 4 . 0 [get it](#)

## TS 25.434 UTRAN Iub interface data transport & transport signalling for CCH data streams

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: LAVASANI, Shahab

MCC: CALDENHOVEN, Juergen

TeliaSonera AB

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-23 2004-04-01 6 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-6  
WG (prime / other): R3 / -  
G: U: yes  
current version: 6.1.0  
freeze\_meeting: RP-26  
rapporteur: STOJANOVSKI, Sašo  
MCC: CALDENHOVEN, Juergen  
NORTEL NETWORKS (EUROPE)  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
RP-22 2004-01-13 6 . 0 . 0  
RP-23 2004-04-01 6 . 1 . 0

[get it](#)  
[get it](#)

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## TS 25.432 UTRAN implementation-specific O&M transport

Rel-6  
WG (prime / other): R3 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: RP-26  
rapporteur: HAUSER, Alexander  
MCC: CALDENHOVEN, Juergen  
Indicate persons who left Company and wait for new One  
remarks - general: remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):  
RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457

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## TS 25.450 UTRAN lupo interface general aspects and principles

Rel-6  
WG (prime / other): R3 /  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: RP-26  
rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen  
QUALCOMM EUROPE S.A.R.L.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
RP-19 2003-03-26 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.451 UTRAN lpc interface layer 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 /  
G: U: yes

rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

QUALCOMM EUROPE S.A.R.L.

remarks - this release: created for M.1457 update

history (event, available, version, comments, hyperlink):

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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## TS 25.452 UTRAN lpc interface: signalling transport

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 /  
G: U: yes

rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

QUALCOMM EUROPE S.A.R.L.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-19 2003-03-26 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.453 UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling

WG (prime / other): R3 /

G: U: yes

rapporteur: JOLLEY, Vincent

MCC: CALDENHOVEN, Juergen

QUALCOMM EUROPE S.A.R.L.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-19	2003-03-26	6	.	0	.	0
RP-20	2003-06-17	6	.	1	.	0
RP-21	2003-09-30	6	.	2	.	0
RP-22	2004-01-13	6	.	3	.	0
RP-23	2004-04-06	6	.	4	.	0
RP-24	2004-06-18	6	.	5	.	0
RP-25	2004-09-24	6	.	6	.	0
RP-26	2005-01-06	6	.	7	.	0

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## TS 25.460 UTRAN Iu-PS interface: General aspects and principles

WG (prime / other): R3 / -

G: U: yes

rapporteur: HAUSER, Andreas

MCC: CALDENHOVEN, Juergen

Vodafone D2 GmbH

remarks - this release:

remarks - general: W1 UID = 23010

history (event, available, version, comments, hyperlink):

draft	2004-07-22	0	.	0	.	2
draft		0	.	1	.	2
R3-43	2004-08-30	0	.	1	.	3
RP-25	2004-09-20	1	.	0	.	0
RP-25	2004-09-24	6	.	0	.	0
RP-26	2005-01-06	6	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.461 UTRAN Iuant interface: Layer 1

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26  
remarks - general: WI UID = 23010

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2004-08-04	0	0	2	
RP-25	2004-08-30	1	0	0	RP-040344 (R3-041246 EX R3-43)
RP-25	2004-09-24	6	0	0	
RP-26	2005-01-10	6	1	0	

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## TS 25.462 UTRAN Iuant interface: Signalling transport

Rel-6  
current version: 6.1.0  
freeze\_meeting: RP-26  
remarks - general: WI UID = 23010

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: HAUSER, Andreas  
MCC: CALDENHOVEN, Juergen  
Vodafone D2 GmbH

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2004-07-22	0	0	2	
draft		0	1	1	
R3-44	2004-08-30	0	1	2	
RP-25	2004-09-20	1	0	0	RP-040345
RP-25	2004-09-24	6	0	0	
RP-26	2005-01-06	6	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TS 25.463** UTRAN Iuant interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling  
Rel-6 current version: 6.1.0 rapporteur: HAUSER, Andreas Vodafone D2 GmbH  
freeze\_meeting: RP-26 MCC: CALDENHOVEN, Juergen  
remarks - general: W1 UID = 23010  
G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-07-22	0	0	2	
R3-43	2004-08-30	0	1	2	R3-041248
RP-25	2004-09-20	1	0	0	RP-040346
RP-25	2004-09-24	6	0	0	
RP-26	2005-01-13	6	1	0	

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**TR 25.801** Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio  
Rel-6 current version: Resource Management (RRM) WG (prime / other): R3 rapporteur: MILLER, James  
INTERDIGITAL COMMUNICATIONS CORPORATION /-

freeze\_meeting: RP-26

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-20	2003-06-17	1	0	0	RP-030342
RP-21	2003-09-26	2	0	0	RP-030425
RP-21	2003-09-30	6	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.803 S-CCPCH performance for MBMS

Rel-6 current version: 1.4.1

freeze\_meeting: RP-26

DRAFT

WG (prime / other): R1 /

G: U: yes

rapporteur: MALLADI, Durga

MCC: ISHII, Yoshikazu

QUALCOMM EUROPE S.A.R.L.

remarks - general: 2003-06-25: anticipate approval at RP-22.

history (event, available, version, comments, hyperlink):

R1-33	0	0	1	
R1-33	2003-09-11	0	0	2
post R1-33	2003-09-13	0	1	0
RP-21	2003-09-29	1	0	0
R1-34		1	1	0
R1-35	2003-11-24	1	1	1
R1-35	2003-12-02	1	2	0
R1-36	2004-02-23	1	2	1
RP-23	2004-03-05	1	3	0
R1-37	2004-08-30	1	3	1
R1-38	2004-08-30	1	4	0
R1-38	2004-08-30	1	4	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.804 Feasibility study on uplink enhancements for UTRA TDD

Rel-6 DRAFT

current version: 2.0.0

freeze\_meeting: RP-26

remarks - general: 2003-09-04: anticipated approval at RP-23. WI = R1Imp-FSUpEnhTDD.

WG (prime / other): R1 /  
G: U: yes

rapporteur: RUDOLF, Marian  
MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release: RP-25: estimate approval RP-26.

history (event, available, version, comments, hyperlink):

R1-33	2003-09-05	0	0	1	R1-030940
R1-36		0	1	0	R1-040383
R1-37		0	1	1	R1-040410
R1-37	2004-06-18	0	2	0	R1-040639
R1-38	2004-07-23	0	2	1	R1-040819
R1-38	2004-09-29	0	3	0	R1-041041
R1-38 / R3-34	2004-11-23	0	3	1	R1-041319
R1-38 / R3-34	2004-12-03	0	3	2	R1-041519
RP-26	2004-12-20	1	0	0	RP-040516 ex R1-041539
R1-40 / R2-46	2005-03-03	1	0	1	R1-050212
R1-40 / R2-46	2005-03-03	1	1	0	R1-050229
RP-27		2	0	0	RP-050116

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## TR 25.805 DS-CDMA introduction in the 800 MHz band

Rel-6 DRAFT

current version: 0.3.0

freeze\_meeting: RP-26

remarks - general: WI = R1Imp-UJMTS800 (UID 24009)

WG (prime / other): R4 /  
G: U: yes

rapporteur: NAKAMURA, Takehiro  
MCC: GUTIERREZ MIGUELEZ, Cesar

NTT DoCoMo Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

draft		0	1	0	
R4-28		0	2	0	
R4-29	2003-12-05	0	3	0	claims to be a "draft"

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

## TR 25.806 UMTS 1700/2100MHz Work Item

Rel-6

current version: 6.0.0

freeze\_meeting: RP-26

WG (prime / other): R4 /

G: U: yes

rappporteur: NUMMINEN, Jussi

MCC: GUTIERREZ MIGUELEZ, Cesar

NOKIA Corporation

remarks - general: W1 = R1Imp-UMTS850 (UID 24007) & R1Imp-UMTS1721 (UID 24010). 2004- remarks - this release:  
01-19: title changed from "UMTS 1700/2100MHz and UMTS 850MHz Work Items".

history (event, available, version, comments, hyperlink):

R4-28	0	.	0	.	0	R4-030830
R4-29	2004-01-19	0	.	1	.	0 R4-031120
R4-30	1	.	0	.	0	R4-040147
RP-23	2004-03-05	1	.	0	.	1 RP-040051
RP-23	2004-04-01	6	.	0	.	0

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## TR 25.807 Low output powers for general purpose Frequency Division Duplex (FDD) Base Station (BS)

Rel-6

current version: 6.0.0

freeze\_meeting: RP-26

WG (prime / other): R3 / -

G: U: yes

rappporteur: BURGOS MARTÍNEZ, Ana TELEFONICA S.A.

MCC: CALDENHOVEN, Juergen

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-23	2004-03-22	1	.	0	.	0 RP-040076 for approval
RP-23	2004-04-01	6	.	0	.	0

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# 3GPP specification status

## TR 25.808 FDD enhanced uplink; Physical layer aspects

DRAFT

current version: 1.0.1

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rapporteur: RANTA-AHO, Karri

ISHII, Yoshikazu

MCC: NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-05-04 0 . 0 . 0 R1-040516  
R1-37 2004-05-25 0 . 0 . 1 R1-040658  
draft 2004-07-01 0 . 0 . 2 R1-040804  
R1-38 2004-07-22 0 . 0 . 3 R1-040805, later R1-040971  
R1-38 0 . 1 . 0  
draft 2004-09-20 0 . 1 . 1  
R1-38b 0 . 2 . 0  
post R1-38b 2004-10-08 0 . 2 . 1  
draft 2004-10-18 0 . 2 . 2  
draft 2004-10-26 0 . 2 . 3 R1-041271 & R1-041408  
R1-39 / R2-45 joint 0 . 3 . 0  
post R1-39 2004-12-20 0 . 3 . 1 R1-041525  
draft 2004-12-20 0 . 4 . 0 R1-041526  
RP-26 2004-12-20 1 . 0 . 0 RP-040530  
draft 2005-02-01 1 . 0 . 1 R1-050057

## TR 25.852 Iu enhancements for IP Multimedia (IMS) support in UTRAN

DRAFT

current version: 0.0.0

freeze\_meeting: RP-26

remarks - general:

2003-09-08: Title changed from "Radio access bearer support enhancements for the Iu".

WG (prime / other): R3 /

G: U: yes

rapporteur: GODIN, Philippe

CALDENHOVEN, Juergen

MCC: NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 0 . 0 . 0 Inherited from Rel-4.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TR 25.862** **RAB support for IMS** DRAFT  
Rel-6 current version: 1.2.0  
freeze\_meeting: RP-26  
remarks - general:

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: MIKOLA, Juha  
MCC: ARZELIER, Claude  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0  
0 . 1 . 0

Updates based on  
R2-032319 and a  
Siemens text  
proposal.

R2-40 0 . 2 . 0  
RP-23 2004-03-22 1 . 0 . 0 ex R2-41 -> RP-040122  
R2-42 2004-08-04 1 . 1 . 0 R2-041643  
R2-43 2004-08-30 1 . 2 . 0 R2-041914

**TR 25.887**

**Beamforming enhancements**

Rel-6 current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -  
G: U: yes  
rapporteur: KAHTAVA, Jussi  
MCC: ISHII, Yoshikazu  
Nokia Japan Co, Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

R1-26 1 . 1 . 0  
R1-28 1 . 2 . 0  
R1-28 1 . 3 . 0

draft  
draft 2004-02-13 1 . 3 . 1  
R1-36 1 . 7 . 1

resulting from discussions at RP-22  
R1-040188

RP-23 2004-03-04 2 . 0 . 0 R1-36 -> RP-040083  
RP-23 2004-04-02 6 . 0 . 0

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26  
WG (prime / other): R1 / -  
rapporteur: LI, Xiaoliang  
MCC: ISHII, Yoshikazu  
U: yes  
G: U: yes  
remarks - this release: Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

RP-18	2003-01-06	1	1	0	RP-020815
RP-21	2003-09-26	2	0	0	RP-030500
RP-21	2003-10-13	6	0	0	

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## TR 25.889 Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26  
WG (prime / other): R4 / -  
rapporteur: STAHLFJALL, Peter Telefon AB LM Ericsson  
MCC: GUTIERREZ MIGUELEZ, Cesar  
U: yes  
G: U: yes  
remarks - this release: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-16	2002-06-26	1	0	0	RP-020354
RP-17	2002-09-24	1	1	0	RP-020657
RP-18	2003-01-06	1	2	1	RP-020690
R4-26		1	3	0	
R4-27		1	4	0	
RP-20	2003-06-17	2	0	0	
RP-20	2003-07-01	6	0	0	

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RP-21: Agreed (RP-030511) to send this document to ITU-R WP8F, so it needs to be an externally published TR rather than 3GPP-internal. On closer inspection, it is full of illegal references to non-publicly-available documents. So do not publish.

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.891 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5

WG (prime / other): R3 /

DRAFT

current version: 0.3.0

freeze\_meeting: RP-26

G: U: yes

rporteur: HWANG, Woonhee NOKIA Corporation

MCC: CALDENHOVEN, Juergen

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

R3-31	0	0	1	
R3-31	0	1	0	
draft 2002-10-11	0	1	1	<a href="#">get it</a>
draft 2003-01-24	0	2	1	<a href="#">get it</a>
draft 2003-06-18	0	3	0	<a href="#">get it</a>

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ACTIVE specs Rel-6  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

TR 25.892 Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement  
 Rel-6 current version: 6.0.0 / rapporteur: BOUMENDIL, Sarah  
 freeze\_meeting: RP-26 / MCC: ISHII, Yoshikazu  
 G: U: yes  
 remarks - general: remarks - this release:

## history (event, available, version, comments, hyperlink):

R1-27	0	0	1		
R1-29	0	0	2		
R1-33	0	0	3		
R1-31	0	1	0		
R1-31	0	1	1		<a href="#">get it</a>
R1-31	0	1	2		
R1-31	0	2	0		
R1-31	0	2	1		
R1-33	0	3	0		<a href="#">get it</a>
R1-33	0	3	1		
R1-34	0	4	0		
R1-34	0	4	1	R1-031150 (includes R1-031127)	<a href="#">get it</a>
R1-35	0	5	0		
R1-35	0	5	1		<a href="#">get it</a>
R1-35	0	5	2	R1-031436	
draft	0	6	0		
draft	0	6	1		
R1-36	1	0	0		
R1-36	1	0	1		
RP-23	2004-03-05	1	1	0	R1-040394, RP-040119
R1-37	2004-05-26	1	2	0	R1-040655
RP-24	2004-06-14	2	0	0	RP-040221 ex R1-37
RP-24	2004-06-28	6	0	0	

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.894 Enhanced UE positioning using software blanking

Rel-6  
current version: none  
freeze\_meeting: RP-26

WG (prime / other): R2 / -  
rapporteur: BARTLETT, David  
Indicate persons who left Company and wait for new One

G: U: yes  
MCC: ARZELIER, Claude  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

## TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

WG (prime / other): R1 / -  
rapporteur: BEALE, Martin  
IPWireless Inc.  
G: U: yes  
MCC: ISHII, Yoshikazu

remarks - this release: 2002-10-07: anticipate approval at RP-20. RP-23: anticipate approval RP-25.

remarks - general:

history (event, available, version, comments, hyperlink):

RP-19	2003-03-24	1	0	0	0	RP-030095
R1-31	2003-09-09	1	2	0	0	R1-030926
R1-34	2003-10-15	1	2	2	2	R1-031143
R1-35		1	3	0	0	
R4-29	2003-12-03	1	3	1	1	R4-031018
R4-30	2004-02-27	1	3	2	2	R1-040389
R1-37	2004-05-28	1	3	3	3	R1-040656
R1-38		1	3	4	4	
R1-38		1	4	0	0	
R1-38	2004-08-30	1	4	1	1	R1-041027
RP-25	2004-09-20	2	0	0	0	RP-040361
RP-25	2004-09-28	6	0	0	0	

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.896 Feasibility study for enhanced uplink for UTRA FDD

Rel-6 current version: 6.0.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rapporteur: RANTA-AHO, Karri

MCC: ISHII, Yoshikazu

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

R1-28b	0	0	1	R1-021218	
R1-29	0	0	2	R1-021259	
R1-30	0	0	3		
R1-30	0	0	4		
R1-30	0	1	0		
R1-30	0	1	1		
R1-31	0	2	0	R1-030311	
R1-31	0	2	1		
R1-31	0	2	2		
post R1-31	0	3	0		
RP-32	0	3	1		
post RP-32	0	3	2		
post RP-32	0	3	3		
R1-33	0	4	0		
post R1-33	2003-09-04	0	4	1	R1-030951
post R1-33	2003-09-13	0	4	2	R1-030952
RP-21	2003-09-26	1	0	0	RP-030512
draft	2003-10-13	1	0	1	R1-031148
R1-35	2003-11-03	1	0	2	R1-031164
post R1-35		1	1	0	
post R1-35	2003-12-03	1	1	1	R1-031422
post R1-35	2003-12-05	1	1	2	R1-031423
draft		1	2	0	R1-040105
draft	2004-02-05	1	2	1	R1-040109
R1-36		1	3	0	
R1-36	2004-02-26	1	3	1	R1-040388
posat R1-36	2004-03-01	1	3	2	R1-040391
RP-23	2004-03-04	2	0	0	R1-040392 -> RP-040046
RP-23	2004-04-03	6	0	0	

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.898 Power control enhancements for UTRA

Rel-6 DRAFT

current version: 0.1.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 / -

rappporteur: MITRA, Diptendu

MCC: ISHII, Yoshikazu

G: Telecom Modus Limited

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

R1-33 2003-09-10 0 . 1 . 0

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## TR 25.899 High Speed Downlink Packet Access (HSDPA) enhancements

Rel-6

current version: 6.1.0

freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R1 /

rappporteur: FUKUI, Noriyuki

MCC: ISHII, Yoshikazu

G: Mitsubishi Electric Co.

U: yes  
remarks - this release: RP-23: v1.0.0 xpected RP-24, RP-24: approved, but some reservations over conclusions.

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 1 R1-021443

R1-31 0 . 0 . 2 R1-030373

R1-31 0 . 0 . 3 R1-030380

R1-31 0 . 1 . 0 R1-030382

R1-32 0 . 2 . 0 R1-030634

R1-34 2003-10-14 0 . 2 . 1 R1-031149

R1-34 2003-11-07 0 . 2 . 2 R1-031174

draft 0 . 3 . 1 R1-031418

draft 2004-01-07 0 . 3 . 2 R1-031425

R1-35 2004-02-05 0 . 3 . 3 R1-040201

R1-36 2004-02-23 0 . 4 . 0 R1-040384

R1-37 2004-05-24 0 . 4 . 1 R1-040649

draft 2004-05-27 0 . 5 . 0 Existance deduced from report of RP-23

\$8.12 (R1-040657); appears as R1-040657

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RP-24 2004-05-28 1 . 0 . 0 RP-040222

RP-24 2004-06-28 6 . 0 . 0

RP-25 2004-09-28 6 . 1 . 0

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.901 Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects

WG (prime / other): R3 / - rapporteur: HALL, Edward VODAFONE LTD

G: yes U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

remarks - general: WI UID 23011. See also 44.901.

history (event, available, version, comments, hyperlink):

draft	2003-07-04	0	.	1	.	1
RP-24	2004-06-14	1	.	0	.	0
RP-24	2004-06-18	6	.	0	.	0
RP-25	2004-09-24	6	.	1	.	0

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## TR 25.921 Guidelines and principles for protocol description and error handling

WG (prime / other): R2 / - rapporteur: BARRETO, Luis NOKIA UK Ltd

G: U: yes MCC: ARZELIER, Claude

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-26	2004-12-21	6	.	0	.	0
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## TR 25.922 Radio resource management strategies

WG (prime / other): R2 / - rapporteur: HUS, Olivier Philips Research Laboratories

G: U: yes MCC: ARZELIER, Claude

remarks - this release:

remarks - general: freeze\_meeting: RP-26

history (event, available, version, comments, hyperlink):

RP-23	2004-03-24	6	.	0	.	0
RP-23	2004-04-14	6	.	0	.	1

Corrects typo on front cover.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series) ACTIVE specs Rel-6 25 .- series

## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.  
CALDENHOVEN, Juergen  
G: U: yes MCC: remarks - this release:

history (event, available, version, comments, hyperlink):  
RP-25 2005-01-06 6 . 0 . 0

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## TR 25.942 Radio Frequency (RF) system scenarios

Rel-6  
current version: 6.3.0  
freeze\_meeting: RP-26

remarks - general: Additional rapporteur = A.De Pasquale.

WG (prime / other): R4 / - rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V.  
GUTIERREZ MIGUELEZ, Cesar  
G: U: yes MCC: remarks - this release:

history (event, available, version, comments, hyperlink):  
RP-18 2003-01-10 6 . 0 . 0  
RP-21 2003-10-10 6 . 1 . 0  
RP-23 2004-04-01 6 . 2 . 0  
RP-24 2004-06-24 6 . 3 . 0

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## TR 25.943 Deployment aspects

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.951 Base Station (BS) classification (FDD)

Rel-6  
current version: 6.2.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
rapporteur: SÄYNÄJÄKANGAS, NOKIA Corporation  
Tuomo  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release: RP-19; from Rel-5.

history (event, available, version, comments, hyperlink):

RP-19	2003-03-24	2	.	0	.	0	RP-030155
RP-19	2003-04-04	6	.	0	.	0	
RP-20	2003-06-27	6	.	1	.	0	
RP-21	2003-10-10	6	.	2	.	0	

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## TR 25.956 Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

WG (prime / other): R4 / -  
rapporteur: GARCIA LOPEZ, Lorena TELEFONICA S.A.  
GUTIERREZ MIGUELEZ, Cesar  
MCC:  
G: U: yes  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

RP-26	2005-01-05	6	.	0	.	0	Upgrade on Rel-6 freeze
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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.992 Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements

WG (prime / other): RP / GP rapporteur: PIRSKANEN, Juho NOKIA Corporation

current version: 6.0.0  
freeze\_meeting: RP-26

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1	.	0	.	0	NOT seen by TSG RAN. Suspect version number is too optimistic.	
draft	1	.	1	.	0		
draft	1	.	2	.	0	Explorer list. Still not seen by RAN.	
RP-19	2003-03-24	1	.	3	.	0	<a href="#">get it</a>
RP-20	2003-06-02	2	.	0	.	0	<a href="#">get it</a>
pre-RP-21	2003-08-19	2	.	0	.	1	<a href="#">get it</a>
RP-21	2003-09-29	2	.	0	.	2	<a href="#">get it</a>
RP-21	2003-10-02	6	.	0	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

**TR 25.993**

Rel-6

**Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)***current version:* 6.8.0*freeze\_meeting:* RP-26*WG (prime / other):* R2 /*rappporteur:* FAUCONNIER, Denis*MCC:* ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

*remarks - general:**G:* U: yes*remarks - this release:* SP-17: Currently the latest release version.*history (event, available, version, comments, hyperlink):*

RP-18	2002-12-16	0 . 0 . 0	RP-020814; version number incorrect on the document	<a href="#">get it</a>
RP-18	2003-01-16	0 . 1 . 0	RP-020877	<a href="#">get it</a>
RP-18	2 . 0 . 0	RP-020890 = composite of previous two versions!		
RP-18	2003-01-13	6 . 0 . 0	also created identical R99, Rel-4, Rel-5 versions	<a href="#">get it</a>
RP-19	2003-03-25	6 . 1 . 0		<a href="#">get it</a>
RP-20	2003-06-20	6 . 2 . 0		<a href="#">get it</a>
RP-21	2003-10-02	6 . 3 . 0		<a href="#">get it</a>
RP-22	2004-01-12	6 . 4 . 0		<a href="#">get it</a>
RP-23	2004-03-24	6 . 5 . 0		<a href="#">get it</a>
RP-24	2004-06-17	6 . 6 . 0		<a href="#">get it</a>
RP-25	2004-09-23	6 . 7 . 0		<a href="#">get it</a>
RP-26	2004-12-23	6 . 8 . 0		<a href="#">get it</a>

**TR 25.994**

Rel-6

**Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults***current version:* none*freeze\_meeting:* RP-26*WG (prime / other):* R2 / R1, R3, R4*rappporteur:* COURAU, François

ALCATEL S.A.

*G:* U: yes*MCC:* ARZELIER, Claude*remarks - general:* RP-20: Primary responsibility moved from RP to R2.*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.*history (event, available, version, comments, hyperlink):*

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ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TR 25.995** Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface

Rel-6  
current version: none  
freeze\_meeting: RP-26

WG (prime / other): R2 / R1, R3, R4

rapporteur: COURAU, François

ALCATEL S.A.

G: U: yes

MCC: ARZELIER, Claude

remarks - general: RP-20: Primary responsibility moved from RP to R2.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

**TR 25.996**  
Rel-6

Spatial channel model for Multiple Input Multiple Output (MIMO) simulations

current version: 6.1.0  
freeze\_meeting: RP-26

WG (prime / other): R1 /

rapporteur: HUANG, Howard

Lucent Technologies

G: U: yes

MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-19	2003-03-24	1	0	0	0	RP-030181	<a href="#">get it</a>
RP-20	2003-06-17	2	0	0	0	RP-030311	<a href="#">get it</a>
RP-20	2003-07-03	6	0	0	0		<a href="#">get it</a>
RP-21	2003-09-29	6	1	0	0		<a href="#">get it</a>

Rel-6

**26** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.071 AMR speech Codec; General description

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4  
WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik Telefon AB LM Ericsson  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 26.073 AMR speech Codec; C-source code

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general:  
WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik Telefon AB LM Ericsson  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 26.074 AMR speech Codec; Test sequences

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4  
WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik Telefon AB LM Ericsson  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.077** Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder  
Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26  
TELECOM ITALIA S.p.A.  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

**TS 26.090** AMR speech Codec; Transcoding Functions  
Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26  
Telefon AB LM Ericsson  
remarks - general: Transfer>TSG#4  
WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

**TS 26.091** AMR speech Codec; Error concealment of lost frames  
Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26  
Telefon AB LM Ericsson  
remarks - general: Transfer>TSG#4  
WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels

Rel-6  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
remarks - general: Transfer>TSG#4  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-6  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19 2003-04-04 6 . 0 . 0

[get it](#)

---

## TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels

Rel-6  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - general: Transfer>TSG#4  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.101

Rel-6 **Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: U: yes

rappporteur: HAGQVIST, Jari

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0

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## TS 26.102

Rel-6 **Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: NAVARRO, William

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0

[get it](#)

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## TS 26.103

Rel-6 **Speech codec list for GSM and UMTS**

current version: 6.1.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: HELLWIG, Karl

MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0

SP-26 2005-01-06 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
WG (prime / other): S4 / -  
G: yes U: yes  
rappporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-22 2004-01-06 6 . 0 . 0  
SP-23 2004-04-01 6 . 1 . 0

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[get it](#)

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## TS 26.110 Codec for circuit switched multimedia telephony service; General description

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S4 / -  
G: yes U: yes  
rappporteur: ARONSON, Barry  
MCC: USAI, Paolino  
TOSHIBA CO  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
WG (prime / other): S4 / -  
G: yes U: yes  
rappporteur: ARONSON, Barry  
MCC: USAI, Paolino  
TOSHIBA CO  
remarks - general: CR at TSG#5  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-30 6 . 0 . 0  
SP-26 2005-01-06 6 . 1 . 0

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.115 Echo control for speech and multimedia services

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: U: yes MCC: USAI, Paolino

TELECOM ITALIA S.p.A.  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S4 / - rapporteur: GOETZ, Ian  
G: U: yes MCC: USAI, Paolino

TELLABS OPERATIONS INC.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0

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---

## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S4 / - rapporteur: GOETZ, Ian  
G: U: yes MCC: USAI, Paolino

TELLABS OPERATIONS INC.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.140 Multimedia Messaging Service (MMS); Media formats and codes

WG (prime / other): S4 / T2 rapporteur: CASTAGNO, Roberto NOKIA Corporation  
G: yes U: yes MCC: USAI, Paolino

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0  
SP-26 2005-01-06 6 . 1 . 0

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## TS 26.141 IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs

WG (prime / other): S4 / - rapporteur: HONKO, Harri NOKIA Corporation  
G: U: yes MCC: USAI, Paolino

remarks - general: W1 = "Media Codecs and Formats for IMS Messaging and Presence" UID  
32045. remarks - this release: 2004-11-04; Timed out of Rel-6; must be Rel-7. SP-26: Reverts to Rel-6, has caught up.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-21 1 . 0 . 0 SP-040835 for approval  
SP-26 2005-01-06 6 . 0 . 0

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## TS 26.171 Speech codec speech processing functions; AdaptiveMulti-Rate - Wideband (AMR-WB) speech codec; General description

WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik Telefon AB LM Ericsson  
G: yes U: yes MCC: USAI, Paolino

remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.173** **ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec**  
Rel-6 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik  
G: yes U: yes *MCC:* USAI, Paolino  
*Telefon AB LM Ericsson*  
*remarks - general:* 2001-10-01: added "G" flag.  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.174** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences**  
Rel-6 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik  
G: yes U: yes *MCC:* USAI, Paolino  
*Telefon AB LM Ericsson*  
*remarks - general:*  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.177** **Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences**  
Rel-6 *WG (prime / other):* S4 / *rapporteur:* PEARCE, David  
G: U: yes *MCC:* USAI, Paolino  
*MOTOROLA Ltd*  
*remarks - general:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-26 2004-12-21 1 . 0 . 0 SP-040833 for approval  
SP-26 2005-01-11 6 . 0 . 0

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.190

Rel-6

**Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: VACANT,

MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.191

Rel-6

**Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: EKUDDEN, Erik

MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.192

Rel-6

**Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: VACANT,

MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 26 .- series  
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## TS 26.193

Rel-6

**Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: EKUDDEN, Erik

MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.194

Rel-6

**Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD)**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: VACANT,

MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.201

Rel-6

**Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure**

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: HAGQVIST, Jari

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.202** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to lu, Uu and Nb**  
Rel-6 *current version:* 6.0.0 *rapporporteur:* NAVARRO, William  
*freeze\_meeting:* SP-26 *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 26.204** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code**  
Rel-6 *current version:* 6.0.0 *rapporporteur:* N, A  
*freeze\_meeting:* SP-26 *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

Indicate persons who left Company and wait for new  
One

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0

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**TS 26.226** **Cellular text telephone modem; General description**  
Rel-6 *current version:* 6.0.0 *rapporporteur:* HELLSTROM, Gunnar  
*freeze\_meeting:* SP-26 *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text telephony (GTT);Transport of text in the voice channel". *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code

Rel-6

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: HELLSTROM, Gunnar Omnitor AB

MCC: USAI, Paolino

remarks - general: SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text telephony (GTT); Cellular text telephone modem transmitter C-code description" to reflect document  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 26.231 Cellular text telephone modem; Minimum performance requirements

Rel-6

current version: 6.0.2

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: HELLSTROM, Gunnar Omnitor AB

MCC: USAI, Paolino

remarks - general: SP-16: in "GERAN" set.  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

edito post SP-26 2005-01-18 6 . 0 . 1 TR -> TS on cover page

SP-26 2005-01-19 6 . 0 . 2 Correct the previous correction

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## TS 26.233 End-to-end transparent streaming service; General description

Rel-6

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

G: U: yes

rappporteur: HONKO, Harri NOKIA Corporation

MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.234 Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs

WG (prime / other): S4 / -

G: U: yes

rapporteur: FRANCESCHI, Olle  
MCC: USAI, Paolino  
Nippon Ericsson K.K.

remarks - general: freeze\_meeting: SP-26  
SP-19: CRs anticipated at SP-22. SP-21: Intend to split the Rel-6 spec into four separate specs.

history (event, available, version, comments, hyperlink):

SP-24	2004-06-18	6	.	0	.	0
SP-25	2004-09-30	6	.	1	.	0
SP-26	2005-01-06	6	.	2	.	0

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---

## TS 26.235 Packet switched conversational multimedia applications; Default codecs

WG (prime / other): S4 / -

G: yes U: yes

rapporteur: OJALA, Pasi  
MCC: USAI, Paolino  
Nokia Research Center

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20	2003-06-25	6	.	0	.	0
SP-24	2004-06-18	6	.	1	.	0
SP-25	2004-09-30	6	.	2	.	0
SP-26	2005-01-06	6	.	3	.	0

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---

## TS 26.236 Packet switched conversational multimedia applications; Transport protocols

WG (prime / other): S4 / -

G: U: yes

rapporteur: OJALA, Pasi  
MCC: USAI, Paolino  
Nokia Research Center

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24	2004-06-18	6	.	0	.	0
SP-26	2005-01-06	6	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.243 ANSI C code for the fixed-point distributed speech recognition extended advanced front-end

Rel-6 WG (prime / other): S4 /

rappporteur: PEARCE, David

MCC: USAI, Paolino

MOTOROLA Ltd

freeze\_meeting: SP-26

G: yes U: yes

remarks - this release:

general: W1 UID = 34700

### history (event, available, version, comments, hyperlink):

SP-23	2004-03-22	1	0	0	0	SP-040064 (no C code included)	<a href="#">get it</a>
SP-24	2004-06-14	2	0	0	0	SP-040343	<a href="#">get it</a>
SP-24	2004-06-18	6	0	0	0		<a href="#">get it</a>
SP-26	2005-01-06	6	1	0	0		<a href="#">get it</a>

---

## TS 26.244 Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GF)

Rel-6 WG (prime / other): S4 / -

rappporteur: FRANCESCHI, Olle

MCC: USAI, Paolino

Nippon Ericsson K.K.

freeze\_meeting: SP-26

G: U: yes

remarks - this release:

general:

### history (event, available, version, comments, hyperlink):

draft	2003-04-04	0	1	3			<a href="#">get it</a>
draft		0	2	5			
SP-22	2004-01-05	1	0	0	0	SP-030672	<a href="#">get it</a>
SP-23	2004-03-22	2	0	0	0	SP-040065	<a href="#">get it</a>
SP-23	2004-04-01	6	0	0	0		<a href="#">get it</a>
SP-25	2004-09-30	6	1	0	0		<a href="#">get it</a>
SP-26	2005-01-06	6	2	0	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 26 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.245 Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format

WG (prime / other): S4 / -

G: U: yes

rappporteur: FRANCESCHI, Oile  
MCC: USAI, Paolino  
Nippon Ericsson K.K.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
draft 0 . 0 . 0 S4-020670  
draft 0 . 1 . 0 S4-030023  
draft 0 . 1 . 1 S4-030062  
draft 0 . 1 . 2 S4-030151  
draft 2003-04-04 0 . 1 . 3 S4-030251  
draft 0 . 1 . 4 S4-030344  
S4-26 0 . 1 . 5 S4-030421  
draft 2003-07-24 0 . 1 . 6 S4-030581  
draft 2004-02-12 0 . 1 . 7 S4-030798  
SP-24 2004-06-14 2 . 0 . 0 SP-040344  
SP-24 2004-06-18 6 . 0 . 0  
SP-26 2005-01-06 6 . 1 . 0

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## TS 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile

WG (prime / other): S4 / -

G: U: yes

rappporteur: GRASSEL, Guido  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release:

remarks - general: Created S4-25bis. See S4-030135.

history (event, available, version, comments, hyperlink):  
draft 2003-04-03 0 . 0 . 1  
draft 0 . 0 . 2 erroneously numbered v6.0.2  
draft 2003-08-29 0 . 0 . 3 erroneously numbered v6.0.3  
SP-22 2004-01-05 1 . 0 . 0 SP-030673  
SP-24 2004-06-14 2 . 0 . 0 SP-040345  
SP-24 2004-06-18 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.273 ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec

Rel-6 DRAFT WG (prime / other): S4 / - rapporteur: VAINIO, Janne NOKIA Corporation

freeze\_meeting: SP-26 G: U: yes MCC: USAI, Paolino

remarks - general: 2005-02-25: title tweaked to conform with that requested for 26.274 and to match structure for other similar specs. Pre-SP-28: title tweaked back to original, nonconformist, version. :-(

history (event, available, version, comments, hyperlink):

draft	0	.	5	.	0	
draft	2004-06-14	0	.	5	.	3
draft	2004-06-17	0	.	5	.	4
SP-24	2004-06-14	1	.	0	.	0
SP-27		2	.	0	.	0

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## TS 26.274 Speech codec speech processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing

Rel-6 current version: none WG (prime / other): S4 / rapporteur: BRUHN, Stefan Telefon AB LM Ericsson

freeze\_meeting: none G: yes U: yes MCC: USAI, Paolino

remarks - general: remarks - this release: .

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.290

Rel-6 Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions

WG (prime / other): S4 / -

rporteur: VAINIO, Janne

G: USAI, Paolino

freeze\_meeting: SP-26

U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-05-25	0	5	0	based on very old template!
draft	2004-06-17	0	5	6	
SP-24	2004-06-14	1	0	0	SP-040426
SP-25	2004-09-20	2	0	0	SP-040639
SP-25	2004-09-30	6	0	0	
SP-26	2005-01-06	6	1	0	

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## TS 26.304

Rel-6 Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Floating-point ANSI-C code

WG (prime / other): S4 / -

rporteur: VAINIO, Janne

NOKIA Corporation

G: USAI, Paolino

freeze\_meeting: SP-26

U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-06-14	0	5	0	
draft	2004-06-17	0	5	3	
draft	2004-06-14	0	5	5	
SP-24	2004-06-14	1	0	0	SP-040427
SP-25	2004-09-20	2	0	0	SP-040640
SP-25	2004-09-30	6	0	0	
SP-26	2005-01-06	6	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

## TS 26.346 Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs

WG (prime / other): S4 / S2, S3 rapporteur: CURCIO, Igor NOKIA Corporation

current version: 1.9.0 DRAFT

freeze\_meeting: SP-26

U: yes

G: remarks - general: W1 = "Multimedia Broadcast and Multicast Service" UID 2544.

MCC: USAI, Paolino

SP-22: v1.0.0 had been expected this mtg, but at least 3 months delay expected.

### history (event, available, version, comments, hyperlink):

S4-28	0	0	0	0	
draft	0	0	0	1	
S4-31	0	0	0	2	
S4-31	0	0	0	3	
S4-32	0	0	0	4	<a href="#">get it</a>
draft	0	0	0	5	<a href="#">get it</a>
					does not show spec number or version
					on cover
SP-25	1	0	0	0	<a href="#">get it</a>
draft	1	0	0	1	SP-040632 ex S4-32 S4-040521
draft	1	0	0	2	
S4-33	1	0	0	3	S4-040676
S4-33	1	0	0	4	S4-040773
S4-33	1	1	0	0	S4-040835
SP-26 ex S4-33	1	5	0	0	<a href="#">get it</a>
S4-35	1	6	0	0	SP-040832 ex S4-33 S4-040859
S4-35	1	7	0	0	S4-050095
S4-35	1	8	0	0	S4-050138
S4-35	1	9	0	0	S4-050231
S4-35	1	9	0	0	S4-050248
					<a href="#">get it</a>

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.401

Rel-6

**General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description**

WG (prime / other): S4 / -  
G: KUNZ, Oliver  
USAI, Paolino

Coding Technologies GmbH

freeze\_meeting: SP-26

U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

S4-31	2004-05-25	0	0	1	
SP-24	2004-06-14	1	0	0	SP-040428
SP-25	2004-09-20	2	0	0	SP-040633
SP-25	2004-09-30	6	0	0	
SP-26	2005-01-06	6	1	0	

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## TS 26.402

Rel-6

**General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools**

WG (prime / other): S4 / -  
G: KUNZ, Oliver  
USAI, Paolino

Coding Technologies GmbH

freeze\_meeting: SP-26

U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

S4-31	2004-05-25	0	0	1	
SP-24	2004-06-14	1	0	0	SP-040429
SP-25	2004-09-20	2	0	0	SP-040634
SP-25	2004-09-30	6	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series) ACTIVE specs Rel-6 26 .- series

## TS 26.403 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part

Rel-6  
WG (prime / other): S4 / -  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporporteur: KUNZ, Oliver  
MCC: USAI, Paolino

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

S4-31	2004-05-25	0	0	0	1	
SP-24	2004-06-14	1	0	0	0	SP-040430
SP-25	2004-09-20	2	0	0	0	SP-040635
SP-25	2004-09-30	6	0	0	0	

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## TS 26.404 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part

Rel-6  
WG (prime / other): S4 / -  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporporteur: KUNZ, Oliver  
MCC: USAI, Paolino

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

S4-31	2004-05-25	0	0	0	1	
SP-24	2004-06-14	1	0	0	0	SP-040431
SP-25	2004-09-20	2	0	0	0	SP-040636
SP-25	2004-09-30	6	0	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series) ACTIVE specs Rel-6 26 .- series

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## TS 26.405 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part

Rel-6  
WG (prime / other): S4 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: SP-26  
MCC: USAI, Paolino  
rappporteur: KUNZ, Oliver  
Coding Technologies GmbH

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

S4-31	2004-05-25	0	.	0	.	1	
SP-24	2004-06-14	1	.	0	.	0	SP-040432
SP-25		2	.	0	.	0	SP-040637
SP-25	2004-09-30	6	.	0	.	0	

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## TS 26.406 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing

Rel-6  
WG (prime / other): S4 / -  
G: U: yes  
current version: none  
freeze\_meeting: SP-26  
MCC: USAI, Paolino  
rappporteur: KUNZ, Oliver  
Coding Technologies GmbH

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.410 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code

Rel-6 current version: 6.1.1 / - rapporteur: KUNZ, Oliver  
freeze\_meeting: SP-26 / - MCC: USAI, Paolino

Coding Technologies GmbH

remarks - general:

G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-06-14	0	0	0	1	<a href="#">get it</a>
draft	2004-06-14	0	0	0	2	<a href="#">get it</a>
SP-24	2004-06-24	1	0	0	0	<a href="#">get it</a>
SP-25	2005-01-13	2	0	0	0	<a href="#">get it</a>
SP-25	2004-09-30	6	0	0	0	<a href="#">get it</a>
SP-26	2005-01-06	6	1	0	0	<a href="#">get it</a>
post SP-26	2005-01-13	6	1	1	1	<a href="#">get it</a>

Includes directory information in attached code to ensure correct compilation.

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## TS 26.411 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code

Rel-6 current version: none / - rapporteur: KUNZ, Oliver  
freeze\_meeting: SP-26 / - MCC: USAI, Paolino

Coding Technologies GmbH

remarks - general:

G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.412 General audio codec audio processing functions; Source code for 3GP file format

Rel-6 *WG (prime / other):* S4 / - *rapporteur:* SINGER, David

Apple Computer Inc

*freeze\_meeting:* DRAFT *MCC:* USAI, Paolino

*G:* U: yes

*remarks - general:* 2004-11-26: Rapporteur proposes to have this spec. 2005-02-02: Still no

draft available. 2005-02-15: "Enhanced aacPlus general audio codec," removed from title "as AMR-WB+ also uses the library, and it is of use to people using other codecs also" (rapporteur).

*history (event, available, version, comments, hyperlink):*

S4-34 2005-02-17 0 . 0 . 1 S4-050042

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## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

Rel-6 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri

Nokia Research Center

*freeze\_meeting:* SP-26 *MCC:* USAI, Paolino

*G:* yes U: yes

*remarks - this release:* remarks - this release:

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0

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## TR 26.935 Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs

Rel-6 *WG (prime / other):* S4 / - *rapporteur:* BERTENYI, Balazs

NOKIA Corporation

*freeze\_meeting:* SP-26 *MCC:* USAI, Paolino

*G:* U: yes

*remarks - this release:* remarks - this release:

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-22 1 . 0 . 0 SP-040063

S4-30 2004-05-12 1 . 4 . 0 S4-040218

SP-24 2004-06-14 2 . 0 . 0 SP-040342

SP-24 2004-06-18 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TR 26.937 Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
G: U: yes  
rapporteur: VARSA, Viktor  
USAI, Paolino  
Nokia Telecommunications Inc.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-04-01 6 . 0 . 0

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## TR 26.943 Recognition performance evaluations of codecs for Speech Enabled Services (SES)

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
G: yes U: yes  
rapporteur: PEARCE, David  
USAI, Paolino  
MOTOROLA Ltd  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-26 2004-12-21 1 . 0 . 0 SP-040834 for approval  
SP-26 2005-01-06 6 . 0 . 0

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## TR 26.946 Multimedia Broadcast/Multicast Service (MBMS) user service guidelines

Rel-6  
current version: 0.0.2  
freeze\_meeting: SP-26  
G: U: yes  
rapporteur: LOHMAR, Thorsten  
USAI, Paolino  
Nippon Ericsson K.K.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 2004-09-20 0 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

Rel-6  
WG (prime / other): S4 / -  
freeze\_meeting: SP-26  
G: yes U: yes  
rapporateur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
remarks - general: Replaces 26.075. 2001-10-02. Also for GSM.  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

Rel-6  
WG (prime / other): S4 / -  
freeze\_meeting: SP-26  
G: yes U: yes  
rapporateur: VAINIO, Janne  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - general: Cf 26.975.  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TR 26.978 Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase

Rel-6  
WG (prime / other): S4 / -  
freeze\_meeting: SP-26  
G: yes U: yes  
rapporateur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - general: Replaces 26.078  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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Rel-6 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-6  
WG (prime / other): N3 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-6  
WG (prime / other): N3 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-6  
WG (prime / other): N3 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-6 current version: 6.0.1

freeze\_meeting: TP-26

remarks - general:

WG (prime / other): T2 / -

G: yes U: yes

rappporteur: HARRIS, Ian

MCC: HAN, Seung Don

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

TP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

edito post TP-26 2005-01-17 6 . 0 . 1 make figure 0.1 visible

[get it](#)

[get it](#)

## TS 27.007 AT command set for User Equipment (UE)

Rel-6 current version: 6.7.0

freeze\_meeting: TP-26

remarks - general:

WG (prime / other): T2 / -

G: yes U: yes

rappporteur: VOTE, Nicola

MCC: HAN, Seung Don

remarks - this release: NTT DoCoMo Inc.

history (event, available, version, comments, hyperlink):

TP-16 2002-06-25 6 . 0 . 0

TP-18 2002-12-20 6 . 1 . 0

TP-19 2003-03-31 6 . 2 . 0

TP-20 2003-06-23 6 . 3 . 0

TP-21 2003-10-03 6 . 4 . 0

TP-24 2004-06-17 6 . 5 . 0

TP-25 2004-09-23 6 . 6 . 0

TP-26 2005-01-03 6 . 7 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-6  
current version: 6.0.0  
freeze\_meeting: TP-26

T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes

MCC: HAN, Seung Don

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

TP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

MCC: HAN, Seung Don

remarks - general: GPRS

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-24 2004-06-18 6 . 0 . 0

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Rel-6 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

WG (prime / other): S4 / -

rapporteur: SUERBAUM, Clemens SIEMENS AG

current version: 6.1.0

MCC:

G: yes U: yes

USAI, Paolino

freeze\_meeting: SP-26

remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

[get it](#)

SP-26 2005-01-06 6 . 1 . 0 Attachment TFO\_Decision C-Code has known errors. Anticipate CRs at SP-27.

## Rel-6 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

### TS 29.002 Mobile Application Part (MAP) specification

Rel-6 current version: 6.8.0

freeze\_meeting: NP-26

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

Gesellschaft für Kommunikations Software

MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-18 2003-01-09 6 . 0 . 0 [get it](#)

NP-19 2003-04-04 6 . 1 . 0 [get it](#)

NP-20 2003-07-08 6 . 2 . 0 [get it](#)

NP-21 2003-10-09 6 . 3 . 0 [get it](#)

NP-22 2004-01-13 6 . 4 . 0 [get it](#)

NP-23 2004-03-23 6 . 5 . 0 [get it](#)

NP-24 2004-06-17 6 . 6 . 0 [get it](#)

NP-25 2004-09-28 6 . 7 . 0 [get it](#)

NP-26 2004-12-23 6 . 8 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

WG (prime / other): N3 / -  
rappporteur: BELLING, Thomas  
MCC: SIEMENS AG  
G: yes U: yes  
HAN, Seung Don

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-07 6 . 0 . 0

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## TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Rel-6 current version: 6.4.0WG (prime / other): N4 / -  
rappporteur: KYMALAINEN, Kimmo  
TeliaSonera AB

freeze\_meeting: NP-26

remarks - general: Transfer>TSG#4 (transfer??)

G: yes U: yes  
MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

MP-21 2003-10-09 6 . 0 . 0  
NP-22 2004-01-12 6 . 1 . 0  
NP-23 2004-03-23 6 . 2 . 0  
NP-24 2004-06-15 6 . 3 . 0  
NP-25 2004-09-30 6 . 4 . 0

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## TS 29.011 Signalling Interworking for Supplementary Services

Rel-6 current version: 6.0.0  
freeze\_meeting: NP-26  
WG (prime / other): N4 / -  
rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.013** **Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**  
Rel-6  
WG (prime / other): N4 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
remarks - general: Transfer>TSG#4

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 29.016** **Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**  
Rel-6  
WG (prime / other): N1 / -  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: yes U: yes  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

reporteur: DAWES, Peter  
MCC: JURISIC, Andrijana  
VODAFONE LTD

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 29.018** **General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
Rel-6  
WG (prime / other): N1 / -  
current version: 6.1.0  
freeze\_meeting: NP-26  
G: yes U: yes  
remarks - general: remarks - this release: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

reporteur: DAWES, Peter  
MCC: JURISIC, Andrijana  
VODAFONE LTD

history (event, available, version, comments, hyperlink):  
NP-24 2004-06-21 6 . 0 . 0  
NP-25 2004-09-27 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

WG (prime / other): N4 / -

rapporteur: KYMALAINEN, Kimmo TeliSonera AB

freeze\_meeting: NP-26

MCC:

KYMALAINEN, Kimmo

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-19	2003-04-04	6	.	0	.	0
NP-20	2003-06-27	6	.	1	.	0
NP-21	2003-10-09	6	.	2	.	0
NP-22	2004-01-12	6	.	3	.	0
NP-23	2004-03-24	6	.	4	.	0
NP-24	2004-06-15	6	.	5	.	0
NP-25	2004-09-30	6	.	6	.	0
NP-26	2005-01-07	6	.	7	.	0

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## TS 29.061

Rel-6

### Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

current version: 6.3.1

Telefon AB LM Ericsson

freeze\_meeting: NP-26

MCC:

HUSLENDE, Ragnar  
HAN, Seung Don

remarks - general:

G: yes U: yes

remarks - this release:

Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".

history (event, available, version, comments, hyperlink):

NP-23	2004-03-22	6	.	0	.	0
NP-24	2004-06-18	6	.	1	.	0
NP-25	2004-09-28	6	.	2	.	0
NP-26	2005-01-07	6	.	3	.	0
edito post NP-26	2005-01-19	6	.	3	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.078 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification

WG (prime / other): N4 / - rapporteur: NOLDUS, Rogier Telefon AB LM Ericsson

freeze\_meeting: NP-26

G: yes U: yes

remarks - general: NP-24: txferred to N4 on closure of N2.

MCC: KYMALAINEN, Kimmo  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-01-22	6	.	0	.	0
NP-23	2004-03-29	6	.	1	.	0
NP-24	2004-06-17	6	.	2	.	0
NP-25	2004-10-07	6	.	3	.	0
NP-26	2005-01-07	6	.	4	.	0

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## TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

WG (prime / other): R3 / - rapporteur: VESELY, Alexander SIEMENS AG

freeze\_meeting: RP-26

remarks - general: TSG#8: Appeared as v2.0.0 (RP-000258)

G: U: yes  
MCC: CALDENHOVEN, Juergen  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-22	2004-01-13	6	.	0	.	0
RP-24	2004-06-18	6	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.109 Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3

Rel-6 current version: 6.1.1 freeze\_meeting: NP-26 rapporteur: LAITINEN, Lauri NOKIA Corporation

WG (prime / other): N4 / - G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: WI = SEC1-SC (UID 14504). NP-24 title changed from "Bootstrapping and subscriber certificates; Diameter protocols; Stage 3" remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	0	0	2003-10
N4-21	0	1	1	0	
N4-22	2004-04-01	0	2	0	<a href="#">get it</a>
N4-23	0	3	0	0	
NP-24	2004-06-14	1	0	0	NP-040231 <a href="#">get it</a>
N4-24	1	1	1	0	
NP-25	2004-09-20	2	0	0	NP-040410 <a href="#">get it</a>
NP-25	2004-09-30	6	0	0	<a href="#">get it</a>
NP-26	2005-01-07	6	1	0	<a href="#">get it</a>
edito post NP-26	2005-01-10	6	1	1	fixes word problem <a href="#">get it</a>

## TS 29.119 GPRS Tunneling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-6 current version: 6.0.0 freeze\_meeting: NP-26 rapporteur: AIKAWA, Shinichiro Fujitsu Limited

WG (prime / other): N4 / - G: U: yes MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5 remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-03	6	0	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

WG (prime / other): N4 / -

G: U: yes

rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation

MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 29.140 Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3

WG (prime / other): T2 / -

G: U: yes

rapporteur: HABERMANN, Steffen T-Mobile International AG

MCC: HAN, Seung Don

remarks - general: The MM10 interface is between MMS Relay/Server and MSCF (Messaging Service Control Function)

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-25 2004-09-20 1 . 0 . 0 TP-040173

TP-26 2004-12-21 2 . 0 . 0 TP-040227

TP-26 2005-01-03 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.161 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks

Rel-6 current version: 6.0.0 / rapporteur: RASANEN, Juha  
freeze\_meeting: NP-26 / MCC: HAN, Seung Don

remarks - general: W1 UID = 14013.  
G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

N3-31	2004-02-23	0 . 0 . 1	N3-040108 but several subsequent drafts with same version number exist	<a href="#">get it</a>
N3-31b	2004-04-01	0 . 1 . 0	History box not updated since v0.0.1	<a href="#">get it</a>
N3-32	2004-05-18	0 . 2 . 0		<a href="#">get it</a>
N3-33	2004-08-30	2 . 0 . 0		<a href="#">get it</a>
NP-25	2004-09-20	2 . 0 . 1	NP-040344	<a href="#">get it</a>
NP-25	2004-09-28	6 . 0 . 0		<a href="#">get it</a>

## TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-6 current version: 6.0.0 / rapporteur: HOLLAND, Nigel  
freeze\_meeting: NP-26 / MCC: HAN, Seung Don

remarks - general:

remarks - this release: Work item moved to Rel-6.

history (event, available, version, comments, hyperlink):

N3-33	1 . 1 . 0			
NP-25	2004-09-20	1 . 1 . 1	NP-040345	<a href="#">get it</a>
NP-26	2004-12-21	1 . 3 . 0	NP-040568	<a href="#">get it</a>
NP-26	2004-12-21	2 . 0 . 0	NP-040588	<a href="#">get it</a>
NP-26	2005-01-10	6 . 0 . 0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.163

Rel-6

**Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks**

WG (prime / other): N3 /

SIEMENS AG

rporteur: BELLING, Thomas  
HAN, Seung Don

freeze\_meeting: NP-26

MCC:

G: yes U: yes

remarks - general: NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.

### history (event, available, version, comments, hyperlink):

N3-25	2003-01-20	1	4	1	<a href="#">get it</a>
NP-19	2003-03-06	1	5	0	<a href="#">get it</a>
draft	2003-03-24	1	5	1	<a href="#">get it</a>
N3-28		1	6	0	
NP-20	2003-06-17	1	7	0	<a href="#">get it</a>
N3-29	2003-09-09	1	8	0	<a href="#">get it</a>
NP-030196 distributed 2003-09-08 as a "draft" v1.8.0; <a href="#">get it</a> the held version is the "official" v1.8.0.					
pre NP-21 2003-09-13 1 9 0 <a href="#">get it</a>					
NP-21	2003-09-29	2	0	0	<a href="#">get it</a>
NP-21	2003-10-01	6	0	0	<a href="#">get it</a>
NP-22	2004-01-26	6	1	0	<a href="#">get it</a>
Late delivery due to difficulty of interpretation of conflicting CRs					
NP-23	2004-03-22	6	2	0	<a href="#">get it</a>
NP-24	2004-06-28	6	3	0	<a href="#">get it</a>
NP-25	2004-09-28	6	4	0	<a href="#">get it</a>
NP-26	2005-01-07	6	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

WG (prime / other): N5 /

current version: 6.3.1

freeze\_meeting: NP-26

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0		<a href="#">get it</a>
NP-26	2005-01-06	6 . 3 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments	<a href="#">get it</a>

## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions

WG (prime / other): N5 /

current version: 6.3.1

freeze\_meeting: NP-26

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0		<a href="#">get it</a>
NP-26	2005-01-07	6 . 3 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-6 current version: 6.3.1 / WG (prime / other): N5 /

freeze\_meeting: NP-26

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes

ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0		<a href="#">get it</a>
NP-26	2005-01-06	6 . 3 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments	<a href="#">get it</a>

## TS 29.198-04-1 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Call control common definitions

Rel-6 current version: 6.4.1 / WG (prime / other): N5 /

freeze\_meeting: NP-26

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes

ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-20	2003-06-27	6 . 0 . 0		<a href="#">get it</a>
NP-22	2004-02-12	6 . 1 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-24	2004-09-01	6 . 2 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6 . 3 . 0		<a href="#">get it</a>
NP-26	2005-01-06	6 . 4 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 4 . 1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-04-2 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control Service Capability Feature (SCF)

Rel-6 current version: 6.3.1  
freeze\_meeting: NP-26

rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0		<a href="#">get it</a>
NP-26	2005-01-07	6 . 3 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments	<a href="#">get it</a>

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## TS 29.198-04-3 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control Service Capability Feature (SCF)

Rel-6 current version: 6.4.1  
freeze\_meeting: NP-26

rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-20	2003-06-27	6 . 0 . 0		<a href="#">get it</a>
NP-22	2004-02-12	6 . 1 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-24	2004-09-01	6 . 2 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6 . 3 . 0		<a href="#">get it</a>
NP-26	2005-01-07	6 . 4 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 4 . 1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-04-4 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)

Rel-6 current version: 6.4.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-20	2003-06-27	6	.	0	.	0		<a href="#">get it</a>
NP-22	2004-02-12	6	.	1	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-06	6	.	4	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	4	.	1	adds code attachments	<a href="#">get it</a>

## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)

Rel-6 current version: 6.3.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0		<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)

Rel-6 current version: 6.4.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-20 2003-06-27 6 . 0 . 0 [get it](#)  
NP-22 2004-02-12 6 . 1 . 0 [get it](#)

Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).

NP-24 2004-09-01 6 . 2 . 0 [get it](#)

Late availability due to need for proprietary technology not available to MCC.

NP-25 2004-10-21 6 . 3 . 0 [get it](#)

NP-26 2005-01-06 6 . 4 . 0 [get it](#)

NP-26 2005-01-19 6 . 4 . 1 [get it](#)

edito post NP-26 2005-01-19 6 . 4 . 1 Make figures visible, adds code attachments

## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)

Rel-6 current version: 6.3.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-02-12 6 . 0 . 0 [get it](#)

Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).

NP-22 2004-02-18 6 . 0 . 1 [get it](#)

NP-24 2004-09-01 6 . 1 . 0 [get it](#)

J2EE code supplied  
Late availability due to need for proprietary technology not available to MCC.

NP-25 2004-10-21 6 . 2 . 0 [get it](#)

NP-26 2005-01-06 6 . 3 . 0 [get it](#)

NP-26 2005-01-19 6 . 3 . 1 [get it](#)

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)

Rel-6 current version: 6.3.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0	<a href="#">get it</a>
NP-26	2005-01-06	6 . 3 . 0	<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments <a href="#">get it</a>

## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)

Rel-6 current version: 6.3.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0	<a href="#">get it</a>
NP-26	2005-01-06	6 . 3 . 0	<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments <a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)

Rel-6 current version: 6.3.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0	<a href="#">get it</a>
NP-26	2005-01-06	6 . 3 . 0	<a href="#">get it</a>
NP-26	2005-01-19	6 . 3 . 1	adds code attachments <a href="#">get it</a>

## TS 29.198-13 Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management Service Capability Feature (SCF)

Rel-6 current version: 6.2.2 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-26 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

NP-20	2003-06-27	6 . 0 . 0	<a href="#">get it</a>
NP-22	2004-02-12	6 . 1 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-25	2004-10-21	6 . 2 . 0	<a href="#">get it</a>
edito post NP-26	2005-01-04	6 . 2 . 1	<a href="#">get it</a>
NP-26	2005-01-19	6 . 2 . 2	make figures visible <a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) Service Capability Feature (SCF)

Rel-6  
current version: 6.2.2  
freeze\_meeting: NP-26

WG (prime / other): N5 /

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>	
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	<a href="#">get it</a>	
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>	
NP-25	2004-10-21	6 . 2 . 0		<a href="#">get it</a>	
edito post	NP-26	2005-01-04	6 . 2 . 1	references clean up	<a href="#">get it</a>
NP-26	2005-01-19	6 . 2 . 2	adds code attachments	<a href="#">get it</a>	

## TS 29.198-15 Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF)

Rel-6  
current version: 6.1.1  
freeze\_meeting: NP-26

WG (prime / other): N5 /

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-25	2004-09-20	1 . 0 . 0	NP-040359	<a href="#">get it</a>
NP-25	2004-10-21	6 . 0 . 0		<a href="#">get it</a>
NP-26	2005-01-06	6 . 1 . 0		<a href="#">get it</a>
NP-26	2005-01-19	6 . 1 . 1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.199-01 Open Service Access (OSA); Parlay X web services; Part 1: Common

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
WG (prime / other): N5 / -  
G: U: yes  
rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general: SP-25: part 1 title changed from "Overview and common data definitions" -  
according to rapporteur "to accurately cover its actual contents".  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	NP-040274
NP-25	2004-09-20	2	0	0	NP-040360
NP-25	2004-09-23	6	0	0	

[get it](#)  
[get it](#)  
[get it](#)

## TS 29.199-02 Open Service Access (OSA); Parlay X web services; Part 2: Third party call

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
WG (prime / other): N5 / -  
G: U: yes  
rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	NP-040274
NP-25	2004-09-20	2	0	0	NP-040360
NP-25	2004-09-23	6	0	0	

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[get it](#)  
[get it](#)

## TS 29.199-03 Open Service Access (OSA); Parlay X web services; Part 3: Call notification

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
WG (prime / other): N5 / -  
G: U: yes  
rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general: SP-25: part 3 title changed from "Network-initiated third party call" - in fact, it  
is a totally different spec.  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	NP-040274
NP-25	2004-09-20	2	0	0	NP-040360
NP-25	2004-09-23	6	0	0	

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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.199-04 Open Service Access (OSA); Parlay X web services; Part 4: Short messaging

Rel-6  
WG (prime / other): N5 / -  
G: U: yes  
freeze\_meeting: NP-26  
reporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	<a href="#">NP-040274</a>
NP-25	2004-09-20	2	0	0	<a href="#">NP-040360</a>
NP-25	2004-09-23	6	0	0	<a href="#">get it</a>
NP-26	2005-01-05	6	1	0	<a href="#">get it</a>

## TS 29.199-05 Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging

Rel-6  
WG (prime / other): N5 / -  
G: U: yes  
freeze\_meeting: NP-26  
reporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	<a href="#">NP-040274</a>
NP-25	2004-09-20	2	0	0	<a href="#">NP-040360</a>
NP-25	2004-09-23	6	0	0	<a href="#">get it</a>
NP-26	2005-01-05	6	1	0	<a href="#">get it</a>

## TS 29.199-06 Open Service Access (OSA); Parlay X web services; Part 6: Payment

Rel-6  
WG (prime / other): N5 / -  
G: U: yes  
freeze\_meeting: NP-26  
reporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	<a href="#">NP-040274</a>
NP-25	2004-09-20	2	0	0	<a href="#">NP-040360</a>
NP-25	2004-09-23	6	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TS 29.199-07 Open Service Access (OSA); Parlay X web services; Part 7: Account management

WG (prime / other):

G: U: yes

rapporteur: N5 / -

BAKKER, John-Luc  
ZOICAS, Adrian

Telcordia Technologies, Inc.

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	NP-040274
NP-25	2004-09-20	2	0	0	NP-040360
NP-25	2004-09-23	6	0	0	

[get it](#)

[get it](#)

[get it](#)

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## TS 29.199-08 Open Service Access (OSA); Parlay X web services; Part 8: User status

WG (prime / other):

G: U: yes

rapporteur: N5 / -

BAKKER, John-Luc  
ZOICAS, Adrian

Telcordia Technologies, Inc.

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	NP-040274
NP-25	2004-09-20	2	0	0	NP-040360
NP-25	2004-09-23	6	0	0	

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## TS 29.199-09 Open Service Access (OSA); Parlay X web services; Part 9: Terminal location

WG (prime / other):

G: U: yes

rapporteur: N5 / -

BAKKER, John-Luc  
ZOICAS, Adrian

Telcordia Technologies, Inc.

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-14	1	0	3	NP-040274
NP-25	2004-09-20	2	0	0	NP-040360
NP-25	2004-09-23	6	0	0	
NP-26	2005-01-05	6	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.199-10 Open Service Access (OSA); Parlay X web services; Part 10: Call handling

Rel-6  
WG (prime / other): N5 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
reporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-20 1 . 0 . 0 NP-040360  
NP-25 2004-09-23 6 . 0 . 0

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## TS 29.199-11 Open Service Access (OSA); Parlay X web services; Part 11: Audio call

Rel-6  
WG (prime / other): N5 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
reporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-20 1 . 0 . 0 NP-040360  
NP-25 2004-09-23 6 . 0 . 0

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## TS 29.199-12 Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference

Rel-6  
WG (prime / other): N5 / -  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
reporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-20 1 . 0 . 0 NP-040360  
NP-25 2004-09-23 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.199-13 Open Service Access (OSA); Parlay X web services; Part 13: Address list management

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
WG (prime / other): N5 / -  
G: U: yes  
rapporporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-20 1 . 0 . 0 NP-040360  
NP-25 2004-09-23 6 . 0 . 0

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## TS 29.199-14 Open Service Access (OSA); Parlay X web services; Part 14: Presence

Rel-6  
current version: 6.1.0  
freeze\_meeting: NP-26  
WG (prime / other): N5 / -  
G: U: yes  
rapporporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-20 1 . 0 . 0 NP-040360  
NP-25 2004-09-28 6 . 0 . 0  
NP-26 2005-01-05 6 . 1 . 0

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## TS 29.200 Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface

Rel-6  
current version: none  
freeze\_meeting: NP-26  
WG (prime / other): N4 / -  
G: U: yes  
rapporporteur: JANSSON, Jari  
MCC: KYMALAINEN, Kimmo  
NOKIA Corporation

remarks - this release:

remarks - general: Work item description in N4-021258.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
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## TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-6  
WG (prime / other): N4 /  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
rapporporteur: ANGELO, Ciriaco  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3

Rel-6  
WG (prime / other): N4 /  
G: U: yes  
current version: 6.0.0  
freeze\_meeting: NP-26  
rapporporteur: HEIDERMARK, Alf  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 29.207 Policy control over Gs interface

Rel-6  
WG (prime / other): N3 / -  
G: yes U: yes  
freeze\_meeting: NP-26  
rapporporteur: RÄSÄNEN, Juha  
MCC: HAN, Seung Don  
NOKIA Corporation  
remarks - general: NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-24 2004-06-18 6 . 0 . 0

NP-25 2004-09-28 6 . 1 . 0

NP-26 2005-01-07 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.208 End to end Quality of Service (QoS) signalling flows

Rel-6  
current version: 6.2.1  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N3 /  
G: yes U: yes

rappporteur: SILLANPÄÄ, Anna  
MCC: HAN, Seung Don

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-24	2004-06-18	6	.	0	.	0	
NP-25	2004-09-28	6	.	1	.	0	
NP-26	2005-01-07	6	.	2	.	0	
edito post NP-26	2005-01-13	6	.	2	.	1	correct numbering of notes

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## TS 29.209 Policy control over Gq interface

Rel-6  
current version: 6.1.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N3 / -  
G: U: yes

rappporteur: SILLANPÄÄ, Anna  
MCC: HAN, Seung Don

NOKIA Corporation

remarks - this release: NP-26: Expected to be completed by NP-27.

history (event, available, version, comments, hyperlink):

N3-29	2003-09-01	0	.	0	.	1	
N3-31	2004-03-22	0	.	0	.	2	N3-040135
N3-31b	2004-04-27	0	.	1	.	0	N3-040250
NP-24	2004-05-25	1	.	0	.	0	NP-040243 ex N3-32
N3-33	2004-08-30	2	.	0	.	0	
draft		2	.	0	.	1	NP-040342
NP-25	2004-09-20	2	.	0	.	2	NP-040421
NP-25	2004-09-28	6	.	0	.	0	
NP-26	2005-01-07	6	.	1	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.210 Charging rule provisioning over Gx interface

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
remarks - general: WI URL = 35017

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha  
G: U: yes MCC: HAN, Seung Don  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

N3-31b	0	0	1	
draft	0	1	0	
draft	0	2	0	
draft	0	3	0	
N3-32	0	4	0	
N3-33	2004-08-30	1	0	0 ex N3-33.
NP-25	2004-09-28	1	0	1 NP-040343
N3-33b	2004-10-12	1	1	0 N3-040699
NP-26	2004-12-21	2	0	0 NP-040566
NP-26	2005-01-07	6	0	0

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## TS 29.211 Rx interface for Flow Based Charging (FBC)

Rel-6  
current version: 2.0.1  
freeze\_meeting: NP-26

WG (prime / other): N3 / rapporteur: HUSLENDE, Ragnar  
G: U: yes MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26	2004-11-26	1	0	0 NP-040567 ex N3-040879
rapporteur's draft	2005-02-28	2	0	0 ex N3-050237
NP-27		2	0	1

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-6  
current version: 6.5.0  
freeze\_meeting: NP-26  
WG (prime / other): N4 /  
rapporteur: PALLARES LÓPEZ, Miguel Angel  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson

remarks - general: Additional rapporteur: Miguel-Angel Pallares-Lopez

G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-21	2003-10-09	6	.	0	.	0
NP-22	2004-01-12	6	.	1	.	0
NP-23	2004-03-24	6	.	2	.	0
NP-24	2004-06-15	6	.	3	.	0
NP-25	2004-09-28	6	.	4	.	0
NP-26	2004-12-23	6	.	5	.	0

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## TS 29.229 Cx and Dx interfaces based on the Diameter protocol; Protocol details

Rel-6  
current version: 6.3.0  
freeze\_meeting: NP-26  
WG (prime / other): N4 / -  
rapporteur: PALLARES LÓPEZ, Miguel Angel  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson

remarks - general: 2nd rapporteur: CZOMA, Balazs.

G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-23	2004-03-24	6	.	0	.	0
NP-24	2004-06-15	6	.	1	.	0
NP-25	2004-09-28	6	.	2	.	0
NP-26	2004-12-23	6	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.230 Diameter applications; 3GPP specific codes and identifiers

Rel-6 current version: 6.2.0

freeze\_meeting: NP-26

remarks - general: WI UID = 14014

WG (prime / other): N4 /

rappporteur: TAMMI, Kalle

MCC: KYMALAINEN, Kimmo

NOKIA Corporation

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	0	0
N2-22b	0	1	0	0
draft	0	2	0	0
draft	0	3	0	0
draft	0	4	0	0
NP-24	2004-06-14	1	0	0
NP-24	2004-06-14	2	0	0
NP-24	2004-06-15	6	0	0
NP-25	2004-09-30	6	1	0
NP-26	2005-01-07	6	2	0

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## TS 29.232

Rel-6

Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

current version: 6.0.0

freeze\_meeting: NP-26

remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT

WG (prime / other): N4 / -

rappporteur: PARK, Ian David

Chalmers  
KYMALAINEN, Kimmo

VODAFONE LTD

G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26	2004-12-23	6	0	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3

Rel-6 current version: 6.1.0  
freeze\_meeting: NP-26  
WG (prime / other): N4 / N2 rapporteur: SITCH, Paul  
MCC: KYMALAINEN, Kimmo  
NOKIA Corporation

remarks - general: Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking", see N4-030221 (né N4-030157). NP-24: Secretary reports correct WI is NP-040224.  
G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	.	2	.	0	
NP-21	2003-09-29	1	.	0	.	0 NP-030400 <a href="#">get it</a>
N4-21	2004-01-12	1	.	1	.	0 <a href="#">get it</a>
N4-22	2004-03-22	1	.	2	.	0 <a href="#">get it</a>
post N4-22	2004-04-01	1	.	2	.	1 this version not shown in change history <a href="#">get it</a>
N4-22b		1	.	3	.	0
N4-22b		1	.	3	.	1 Incorporate Tdoc N4-040475
post N4-22b	2004-04-27	1	.	3	.	2 Editorial corrections based by 3GPP TS 21.801 <a href="#">get it</a>
N4-23	2004-06-18	1	.	4	.	0 N4-040745 <a href="#">get it</a>
N4-23b	2004-06-29	1	.	5	.	0 N4-040856 <a href="#">get it</a>
N4-24		1	.	6	.	0 N4-041200 <a href="#">get it</a>
post N4-24	2004-08-30	1	.	7	.	0 <a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0 NP-040404 <a href="#">get it</a>
NP-25	2004-09-30	6	.	0	.	0 <a href="#">get it</a>
NP-26	2005-01-07	6	.	1	.	0 <a href="#">get it</a>

## TS 29.240 Generic User Profile (GUP); Stage 3; Network

Rel-6 current version: 1.0.0  
freeze\_meeting: NP-26  
WG (prime / other): N4 / rapporteur: KAUNTOLA, Seppo  
MCC: KYMALAINEN, Kimmo  
Nokia Networks Oyj

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241  
G: U: yes  
remarks - this release: 2003-03-05: Delayed from Rel-5.

history (event, available, version, comments, hyperlink):

draft	0	.	0	.	0	
N4-20	2003-10-08	0	.	1	.	0 <a href="#">get it</a>
N4-22	2004-04-01	0	.	2	.	0 <a href="#">get it</a>
N4-22b	2004-04-27	0	.	3	.	0 N4-040492 <a href="#">get it</a>
NP-26	2004-12-21	1	.	0	.	0 NP-040538 <a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
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**TS 29.278** **customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies  
*freeze\_meeting:* NP-26 *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-16 Existence hinted at in N2 report. Draft believed to have been seen at *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
N2. NP-24: txferred to N4 on closure of N2.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-19 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 29.328** **IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel, H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-21: Title changed to include Dh interface as well as Sh. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22 2004-01-12 6 . 0 . 0 [get it](#)  
NP-23 2004-03-24 6 . 1 . 0 [get it](#)  
NP-24 2004-06-15 6 . 2 . 0 [get it](#)  
NP-25 2004-09-28 6 . 3 . 0 [get it](#)  
NP-26 2004-12-23 6 . 4 . 0 [get it](#)

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**TS 29.329** **Sh interface based on the Diameter protocol**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel, H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *MCC:* KYMALAINEN, Kimmo  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*

NP-23 2004-03-24 6 . 0 . 0 [get it](#)  
NP-24 2004-06-15 6 . 1 . 0 [get it](#)  
NP-25 2004-09-28 6 . 2 . 0 [get it](#)  
NP-26 2004-12-23 6 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.332 Media Gateway Control Function (MGCF) - IM-MGW Mn interface; Stage 3

Rel-6 WG (prime / other): N4 / -

rapporteur: SCHMITT, Peter SIEMENS AG

MCC: KYMALAINEN, Kimmo

G: U: yes

freeze\_meeting: NP-26

remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.

history (event, available, version, comments, hyperlink):

draft	0	0	0	2002-09
N4-16	0	0	1	
N4-17	0	1	0	
N4-18	0	2	0	
N4-19	0	3	0	
N4-22	2004-04-01	0	4	0
NP-24	2004-06-15	1	0	0 NP-040223
NP-25	2004-09-30	2	0	0 NP-040403
NP-25	2004-09-30	6	0	0

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## TS 29.333

Rel-6 Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3

WG (prime / other): N4 /

rapporteur: SANDERS, David

MCC: KYMALAINEN, Kimmo

VODAFONE Group Plc

G: U: yes

remarks - this release: NP-25: may be delayed to Rel-7.

remarks - general:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.414 Core network Nb data transport and transport signalling

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N3 / -  
G: U: yes

rappporteur: BELLING, Thomas  
MCC: HAN, Seung Don

SIEMENS AG  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 29.415 Core network Nb interface user plane protocols

Rel-6  
current version: 6.0.1  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N3 / -  
G: U: yes

rappporteur: BELLING, Thomas  
MCC: HAN, Seung Don

SIEMENS AG  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-10 6 . 0 . 0 Upgrade on Rel-6 freeze  
NP-26 2005-01-25 6 . 0 . 1 Correct typo on cover

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TR 29.846 Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description

Rel-6 / WG (prime / other): N1 /

current version: 6.0.0

freeze\_meeting: NP-26

rapporteur: HERRERO, Christian

MCC: JURISIC, Andrijana

Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

event	available	version	comments	hyperlink	
draft	0	0	1		
N3-27	0	1	0	N1-0300277	
draft	2003-06-24	0	2	0	
N1-32	2003-11-12	0	3	0	
post	N1-32	2003-11-14	0	3	1
NP-22	2004-01-05	1	0	0	NP-030489
N1-32b	2004-08-30	1	1	0	
N1-33	2004-03-01	1	2	0	
past	N1-33b	2004-04-28	1	3	0
N1-34	2004-05-28	1	4	0	
N1-34b	2004-06-29	1	5	0	
post	N1-35	2004-08-30	1	6	0
post	N1-35	2004-09-03	2	0	0
NP-25		2	0	1	NP-040368
NP-25	2004-09-27	6	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TR 29.847

Rel-6 **Conferring based on SIP, SDP, and other protocols; Functional models, information flows and protocol details**

current version: 6.0.0

freeze\_meeting: NP-26

WG (prime / other): N1 / -

rapporporteur: MAYER, Georg

MCC: JURISIC, Andrijana

G: U: yes

remarks - general: remarks - this release:

NOKIA Corporation

history (event, available, version, comments, hyperlink):

draft	0	1	2	3	4	5	6	7	8	9	0
N1-29	2003-05-06	0	1	0	0	0	0	0	0	0	0
N1-30	2003-06-02	0	2	0	0	0	0	0	0	0	0
N1-31	2003-09-01	0	3	0	0	0	0	0	0	0	0
NP-21	2003-09-11	1	0	0	0	0	0	0	0	0	0
N1-31	2004-01-03	1	1	0	0	0	0	0	0	0	0
N1-32b	2004-02-02	1	2	0	0	0	0	0	0	0	0
N1-33	2004-02-23	1	3	0	0	0	0	0	0	0	0
N1-33b	2004-04-05	1	4	0	0	0	0	0	0	0	0
N1.34	2004-05-18	2	0	0	0	0	0	0	0	0	0
NP-24	2004-05-25	2	0	1	0	0	0	0	0	0	0
NP-24	2004-06-14	6	0	0	0	0	0	0	0	0	0

## TR 29.903

Rel-6 **Feasibility Study on SS7 signalling transport in the core network with SCCP-User Adaptation (SUA) layer**

current version: 6.0.0

freeze\_meeting: NP-26

WG (prime / other): N4 /

rapporporteur: YOUNG, Michael

MCC: KYMALAINEN, Kimmo

G: U: yes

remarks - general: Supersedes 29.203.

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TR 29.962 Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rappporteur:* BELLING, Thomas  
*freeze\_meeting:* NP-26 *MCC:* SIEMENS AG  
*G:* U: yes *HAN, Seung Don*

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-18	2003-01-06	1 . 0 . 0	NP-020610	<a href="#">get it</a>
NP-19	2003-03-06	1 . 1 . 0	NP-030073. Will be reviewed N1-28, N3-27.	<a href="#">get it</a>
N3-29		1 . 2 . 0		
NP-20	2003-06-17	2 . 0 . 0	NP-030197 -> NP-030293	<a href="#">get it</a>
NP-20	2003-06-23	6 . 0 . 0		<a href="#">get it</a>
NP-21	2003-10-01	6 . 1 . 0		<a href="#">get it</a>

## TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / RP *rappporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-26 *Skov*

*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document *remarks - this release:* pointing to latest Release version.

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-28	6 . 0 . 0		<a href="#">get it</a>
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## TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rappporteur:* ABARCA, Chelo  
*freeze\_meeting:* NP-26 *MCC:* ZOICAS, Adrian  
*ALCATEL S.A.*

*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-04	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.998-04-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping

Rel-6 current version: 6.0.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N5 /

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TR 29.998-04-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC

Rel-6 current version: 6.0.4

freeze\_meeting: NP-26

remarks - general:

Evidence for existence unearthed in N5-020143.

WG (prime / other): N5 / -

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22 2004-01-15 6 . 0 . 0

edito post NP-23 2004-03-29 6 . 0 . 1 updates IETF references

edito 2004-04-27 6 . 0 . 2 Updated reference to use RFC number.

edito post NP-24 2004-06-24 6 . 0 . 3 RFC no.

edito post NP-26 2005-01-04 6 . 0 . 4

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## TR 29.998-05-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping

Rel-6 current version: 6.0.0

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N5 /

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-05-4** **Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: U: yes  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TR 29.998-06** **Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: U: yes  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TR 29.998-08** **Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26  
G: U: yes  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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Rel-6 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.531 Work Plan and Study Items - RAN WG3

Rel-6 current version: 0.11.0 DRAFT  
freeze\_meeting: RP-26

WG (prime / other): R3 / - rapporteur: KRAUSE, Joern SIEMENS AG  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release: Continues work started in R99 document.

history (event, available, version, comments, hyperlink):

draft 2001-11-23 0 . 9 . 3 Inherited from R99.  
R3-37 2003-10-13 0 . 11 . 0 R3-030923

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## TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+

Rel-6 current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - general: NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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Rel-6 31 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-6  
current version: 6.4.1  
freeze\_meeting: TP-26

remarks - general: Contents is a reference to ETSI TR 102 221.

WG (prime / other): T3 / SCP  
G: U: yes

rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
MCC: THOMASEN, Gert  
remarks - this release: TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.

### history (event, available, version, comments, hyperlink):

TP-17	2002-09-18	6	.	0	.	0	
TP-18	2003-01-02	6	.	1	.	0	
TP-20	2003-06-23	6	.	2	.	0	
TP-25	2004-09-27	6	.	3	.	0	
TP-26	2005-01-03	6	.	4	.	0	
edito post	TP-26	2005-01-06	6	.	4	.	1

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## TS 31.102 Characteristics of the USIM application

Rel-6  
current version: 6.8.0  
freeze\_meeting: TP-26

remarks - general:

WG (prime / other): T3 / -  
G: U: yes

rapporteur: RUBON, Jean-Francois GEMPLUS S.A.  
MCC: THOMASEN, Gert  
remarks - this release: TP-26: not yet ready to freeze.

### history (event, available, version, comments, hyperlink):

TP-18	2003-01-02	6	.	0	.	0
TP-19	2003-04-01	6	.	1	.	0
TP-20	2003-06-23	6	.	2	.	0
TP-21	2003-09-30	6	.	3	.	0
TP-22	2004-01-12	6	.	4	.	0
TP-23	2004-03-25	6	.	5	.	0
TP-24	2004-06-24	6	.	6	.	0
TP-25	2004-10-07	6	.	7	.	0
TP-26	2005-01-06	6	.	8	.	0

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ACTIVE specs Rel-6 31 -.- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.103

Rel-6

### Characteristics of the IP Multimedia Services Identity Module (ISIM) application

WG (prime / other):

freeze\_meeting: TP-26

remarks - general: 2004-05-07:additional rapporteur: Peter Vestergaard.

T3 /

rapporteur: VESTERGAARD, Peter NOKIA UK Ltd

MCC: THOMASEN, Gert

remarks - this release:

G: yes U: yes

### history (event, available, version, comments, hyperlink):

TP-18	2003-01-02	6	.	0	.	0
TP-19	2003-03-26	6	.	1	.	0
TP-20	2003-06-23	6	.	2	.	0
TP-23	2004-03-26	6	.	3	.	0
TP-24	2004-06-15	6	.	4	.	0
TP-25	2004-10-01	6	.	5	.	0
TP-26	2005-01-03	6	.	6	.	0

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## TS 31.111

Rel-6

### Universal Subscriber Identity Module Application Toolkit (USAT)

WG (prime / other):

freeze\_meeting: TP-26

remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

T3 / -

rapporteur: DUBOIS, Christophe Axalto S.A.

MCC: THOMASEN, Gert

remarks - this release: TP-26: not yet ready to freeze.

G: yes U: yes

### history (event, available, version, comments, hyperlink):

TP-22	2004-01-12	6	.	0	.	0
TP-23	2004-03-25	6	.	1	.	0
TP-24	2004-06-15	6	.	2	.	0
TP-25	2004-10-08	6	.	3	.	0
TP-26	2005-01-03	6	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.112** **Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: TP-26  
WG (prime / other): T3 /  
rapporteur: N, A  
MCC: THOMASEN, Gert  
G: U: yes  
Indicate persons who left Company and wait for new One  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 31.113** **Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes**  
Rel-6  
current version: 6.3.0  
freeze\_meeting: TP-26  
WG (prime / other): T3 /  
rapporteur: N, A  
MCC: THOMASEN, Gert  
G: U: yes  
Indicate persons who left Company and wait for new One  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
TP-16 2002-06-19 6 . 0 . 0  
TP-17 2002-09-25 6 . 1 . 0  
TP-19 2003-03-26 6 . 2 . 0  
TP-26 2005-01-03 6 . 3 . 0

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**TS 31.114** **Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: TP-26  
WG (prime / other): T3 /  
rapporteur: MEYER, Michael  
MCC: THOMASEN, Gert  
G: U: yes  
Indicate persons who left Company and wait for new One  
remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
TP-26 2005-01-06 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (USIM) Toolkit applications

WG (prime / other): T3 / -

G: U: yes

rappporteur: MARTIN, Florence  
Axalto S.A.

MCC: THOMASEN, Gert

remarks - general: additional rapporteur: Florence Martin.  
remarks - this release: SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.

### history (event, available, version, comments, hyperlink):

TP-16	2002-06-26	2	.	0	.	0	TP-020126
TP-16	2002-06-19	6	.	0	.	0	
TP-17	2002-09-23	6	.	1	.	0	
TP-18	2003-01-02	6	.	2	.	0	
TP-22	2004-01-12	6	.	3	.	0	
TP-26	2005-01-03	6	.	4	.	0	

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## TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (USIM) Toolkit applications

WG (prime / other): T3 / -

G: yes U: yes

rappporteur: MARTIN, Florence  
Axalto S.A.

MCC: THOMASEN, Gert

remarks - general: additional rapporteur: Florence Martin  
remarks - this release: SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.

### history (event, available, version, comments, hyperlink):

TP-16	2002-06-26	2	.	0	.	0	TP-020127
TP-16	2002-06-19	6	.	0	.	0	
TP-17	2002-09-23	6	.	1	.	0	
TP-18	2003-01-02	6	.	2	.	0	
TP-19	2003-03-26	6	.	3	.	0	
TP-23	2004-03-25	6	.	4	.	0	
TP-25	2004-09-28	6	.	5	.	0	
TP-26	2005-01-03	6	.	6	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

Rel-6  
*current version:* 6.0.0  
*freeze\_meeting:* TP-26  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI- SCP  
*WG (prime / other):* T3 / -  
*G:* U: yes  
*rapporteur:* MAESER, Torsten  
*MCC:* THOMASEN, Gert  
*Orga Test Systems Gmbh*  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-6  
*current version:* none  
*freeze\_meeting:*  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)  
*WG (prime / other):* T3 / -  
*G:* U: yes  
*rapporteur:* WILLEBRINK, Udo  
*MCC:* THOMASEN, Gert  
*Orga Test Systems Gmbh*  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-6  
*current version:* none  
*freeze\_meeting:*  
*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two parts  
*WG (prime / other):* T3 / -  
*G:* U: yes  
*rapporteur:* KNIGHT, Simon  
*MCC:* THOMASEN, Gert  
*ASPECTS Software Ltd*  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.124 Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

Rel-6  
WG (prime / other): T3 / -  
DRAFT  
G: U: yes  
freeze\_meeting: TP-26  
rapporteur: LAFFONT, Eric  
MCC: THOMASEN, Gert  
GEMPLUS S.A.  
remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.  
remarks - this release: To contain contents for all prior Releases.

history (event, available, version, comments, hyperlink):

TP-26 2004-12-21 1 . 0 . 0 TP-040271 [get it](#)

---

## TS 31.130 (U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)

Rel-6  
WG (prime / other): T3 / -  
G: yes U: yes  
freeze\_meeting: TP-26  
rapporteur: JOLIVET, Paul  
MCC: THOMASEN, Gert  
LG Mobile Terminal Lab Europe  
remarks - general:  
remarks - this release: TP-20: Target for approval: TP-21.

history (event, available, version, comments, hyperlink):

TP-20 2003-06-17 1 . 0 . 0 TP-030127 [get it](#)  
TP-23 2004-04-07 2 . 0 . 0 TP-040030 [get it](#)  
TP-23 2004-03-25 6 . 0 . 0 [get it](#)  
TP-23 2004-07-22 6 . 0 . 1 addition of Javascript file [get it](#)  
TP-26 2005-01-06 6 . 1 . 0 [get it](#)

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## TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API

Rel-6  
WG (prime / other): T3 / -  
G: U: yes  
freeze\_meeting: TP-26  
rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
MCC: THOMASEN, Gert  
remarks - general: Test spec is 34.131.  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-17 2002-09-24 2 . 0 . 0 TP-020219 [get it](#)  
TP-17 2002-09-27 6 . 0 . 0 [get it](#)  
TP-19 2003-03-26 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.213 Test Specification for (U)SIM API for Java(TM) Card

Rel-6  
current\_version: none  
freeze\_meeting: TP-26  
remarks - general: W1 in TP-040032 at TP-23.

WG (prime / other): T3 / -  
G: U: yes  
rapporteur: BEGASSAT, Christophe Axalto S.A.  
MCC: THOMASEN, Gert  
remarks - this release: TP-25: estimate change control at TP-27.

history (event, available, version, comments, hyperlink):

---

## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-6  
current\_version: 6.0.0  
freeze\_meeting: TP-26  
remarks - general:

WG (prime / other): T3 /  
G: U: yes  
rapporteur: KALINER, Stefan  
MCC: THOMASEN, Gert  
T-Mobile International AG  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-26 2005-01-06 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TR 31.919 2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking

WG (prime / other): T3 / -

current version: 6.1.0

freeze\_meeting: TP-26

rapporteur: ANDRAU, Stéphane

MCC: THOMASEN, Gert

remarks - general: WI UID = 43005.

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	.	1	.	0	
draft	0	.	2	.	0	
T3-27	0	.	3	.	0	
TP-20	2003-06-17	1	.	0	.	0 TP-030128
draft		1	.	1	.	0
T3-28		1	.	1	.	1
draft		1	.	1	.	2
draft		1	.	2	.	0
draft		1	.	3	.	0
draft		1	.	3	.	1
TP-23	2004-03-22	1	.	3	.	2 ex T3-30 -> TP-040031
TP-23	2004-03-25	6	.	0	.	0
TP-26	2005-01-03	6	.	1	.	0

## Rel-6 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

### TS 32.101 Telecommunication management; Principles and high level requirements

WG (prime / other): S5 / -

current version: 6.1.0

freeze\_meeting: SP-26

rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24	2004-06-15	6	.	0	.	0
SP-26	2005-01-04	6	.	1	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.102 Telecommunication management; Architecture

Rel-6  
current version: 6.3.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S5 / - rapporteur: BERGGREN, Tommy TeliSonera AB

G: U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21 2003-10-03 6 . 0 . 0  
SP-22 2004-01-05 6 . 1 . 0  
SP-23 2004-03-23 6 . 2 . 0  
SP-24 2004-06-15 6 . 3 . 0

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general: TSG#8: split into 4 parts

MOTOROLA A/S

WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-13 6 . 0 . 0

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## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-6  
current version: 6.3.0  
freeze\_meeting: SP-26

remarks - general: TSG#8: split into 4 parts

MOTOROLA A/S

WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-05 6 . 0 . 0  
post SP-22 edito 2004-01-13 6 . 0 . 1  
SP-23 2004-03-23 6 . 1 . 0  
SP-25 2004-09-23 6 . 2 . 0  
SP-26 2005-01-04 6 . 3 . 0

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

WG (prime / other): S5 / - rapporteur: TSE, Edwin  
Ericsson Incorporated

freeze\_meeting: SP-26

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into 4 parts

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-05 6 . 0 . 0

SP-26 2005-01-04 6 . 1 . 0

---

## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-26

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into 4 parts

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-05 6 . 0 . 0

post SP-22 edito 2004-01-13 6 . 0 . 1

SP-23 2004-03-24 6 . 1 . 0

SP-25 2004-09-23 6 . 2 . 0

SP-26 2005-01-04 6 . 3 . 0

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## TS 32.111-5 Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions

WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg  
MOTOROLA A/S

freeze\_meeting: SP-26

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-11-26 0 . 0 . 2

SP-26 2004-11-29 1 . 0 . 0 SP-040792

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-6 current version: 6.3.0 freeze\_meeting: SP-26

WG (prime / other): S5 / - rapporteur: ISLIP, John

G: yes U: yes MCC: ZOICAS, Adrian

Lucent Technologies Network Systems UK

remarks - general: 2004-03-29: S5 Project Manager: "services operations management" removed from title.  
remarks - this release: SP-15: moved from Rel-5.

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-19	1	0	0	0	SP-020012 (originally Rel-5)	<a href="#">get it</a>
SP-18	2003-01-06	1	1	1	1	SP-020728	<a href="#">get it</a>
SP-19		2	0	0	0	SP-030041	
SP-19	2003-03-31	6	0	0	0		<a href="#">get it</a>
SP-21	2003-10-02	6	1	0	0		<a href="#">get it</a>
SP-23	2004-03-23	6	2	0	0		<a href="#">get it</a>
SP-26	2005-01-04	6	3	0	0		<a href="#">get it</a>

## TS 32.141 Telecommunication management; Subscription Management (SuM) architecture

Rel-6 current version: 6.1.0 freeze\_meeting: SP-26

WG (prime / other): S5 / - rapporteur: ABA, Istvan

T-Mobile AUSTRIA GmbH

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: 2004-03-29: S5 Project Manager: "services operations management" removed from title.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-19	2003-03-27	1	0	0	0	SP-030042	<a href="#">get it</a>
SP-21	2003-09-29	2	0	0	0	SP-030405	<a href="#">get it</a>
SP-21	2003-10-03	6	0	0	0		<a href="#">get it</a>
SP-23	2004-03-23	6	1	0	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.150 Telecommunication management; Integration Reference Point (IRP) Concept and definitions

Rel-6 *WG (prime / other):* S5 / T2 *rapporteur:* TRUSS, Michael MOTOROLA Ltd

*freeze\_meeting:* SP-26

*G:* yes *U:* yes

*MCC:*

*remarks - this release:*

*remarks - general:* Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title

changed from "Telecommunication management: User Equipment

Management (UEM); UEM requirements and architecture; Stages 1 and 2".

2003-12-03: title changed from "Telecommunication management; Integration

Reference Point (IRP): Introduction and definitions".

*history (event, available, version, comments, hyperlink):*

S5-35b	2003-10-08	0	0	1	S5-032639
SP-22	2004-01-05	1	0	0	SP-030613
SP-23	2004-03-22	2	0	0	SP-040113
SP-23	2004-03-22	6	0	0	
SP-25	2004-09-23	6	1	0	
SP-26	2005-01-04	6	2	0	

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## TS 32.151 Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template

Rel-6 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson

*freeze\_meeting:* SP-26

*G:* yes *U:* yes

*MCC:*

*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	0	0	SP-030614
SP-23	2004-03-22	2	0	0	SP-040114
SP-23	2004-03-22	6	0	0	

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.152

Rel-6

**Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire**

*current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S5 / -

*G: yes U: yes*

*rapporporteur:* POLLAKOWSKI, Olaf

*MCC:* SIEMENS AG

*ZOICAS, Adrian*

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030615
SP-23	2004-03-22	2	.	0	.	0	SP-040115
SP-23	2004-03-22	6	.	0	.	0	
SP-24	2004-06-15	6	.	1	.	0	

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## TS 32.171

Rel-6

**Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements**

*current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S5 / -

*G: yes U: yes*

*rapporporteur:* WIKBERG, Ove

*MCC:* ZOICAS, Adrian

*Telefon AB LM Ericsson*

*remarks - general:*

*remarks - this release:*

2004-03-29: S5 Project Manager: "service operations management" in title changed to "telecommunication management". SP-24: "resources" in title changed to "Network Resource Model (NRM)".

*history (event, available, version, comments, hyperlink):*

draft	2003-08-22	0	.	1	.	0	
SP-22	2004-01-05	1	.	0	.	0	SP-030616
SP-24	2004-06-14	2	.	0	.	0	SP-040238
SP-24	2004-06-15	6	.	0	.	0	
SP-26	2005-01-04	6	.	1	.	0	

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.172 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 6.0.0 rapporteur: WIKBERG, Ove  
freeze\_meeting: SP-26 MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - general: 2004-03-29: S5 Project Manager: "service operations management" in title remarks - this release:  
changed to "telecommunication management".

G: yes U: yes

### history (event, available, version, comments, hyperlink):

draft	2003-08-22	0	1	0	<a href="#">get it</a>
draft	2003-09-30	0	2	0	<a href="#">get it</a>
SP-22	2004-01-05	1	0	0	SP-030617
draft	2004-08-03	1	2	2	S5-042433r1
SP-25	2004-09-20	2	0	0	SP-040546, not approved
S5-40	2004-11-26	2	2	0	S5-042759
S5-40	2004-12-02	2	3	0	S5-042759r2
S5-40	2004-12-02	2	4	0	S5-042759r3
S5-40	2004-12-02	2	5	1	S5-042759r5
SP-26	2004-12-03	2	6	0	SP-040765 (superseded)
draft		2	6	1	ephemeral, via exploder list
draft	2004-12-03	2	6	2	<a href="#">get it</a>
draft	2004-12-20	2	6	3	<a href="#">get it</a>
SP-26	2004-12-21	2	7	0	SP-040830
SP-26	2005-01-04	6	0	0	<a href="#">get it</a>

## TS 32.173 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker

Rel-6 current version: Architecture (CORBA) Solution Set (SS) none WG (prime / other): S5 / rapporteur: ABA, Istvan  
AUSTRIA GmbH T-Mobile

freeze\_meeting: SP-26

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.175 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML)

Rel-6 WG (prime / other): S5 /  
G: U: yes MCC: ZOICAS, Adrian

current version: 1.0.0  
freeze\_meeting: SP-26

remarks - general:

remarks - this release: SP-26: Expected to be approved SP-27.

history (event, available, version, comments, hyperlink):

draft 2004-12-20 0 . 3 . 1 S5-052007  
SP-27 2005-02-03 1 . 0 . 0 for approval

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## TS 32.240 Telecommunication management; Charging management; Charging architecture and principles

Rel-6 WG (prime / other): S5 / -  
G: U: yes

rappporteur: GOERMER, Gerald  
MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

S5-34 0 . 1 . 0  
draft 2003-10-22 0 . 5 . 0  
SP-22 2004-01-05 1 . 0 . 0 SP-030623  
draft 2004-01-26 1 . 1 . 0 S5-044041  
SP-25 2004-09-20 2 . 0 . 0 SP-040550  
SP-25 2004-09-23 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.250 Telecommunication management; Charging management; Circuit Switched (CS) domain charging

WG (prime / other): S5 / -

G: U: yes

rporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22	2004-01-05	1	.	0	.	0	0	SP-030624
SP-23	2004-03-22	2	.	0	.	0	0	SP-040140
SP-23	2004-03-22	6	.	0	.	0	0	
SP-25	2004-09-23	6	.	1	.	0	0	

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## TS 32.251 Telecommunication management; Charging management; Packet Switched (PS) domain charging

WG (prime / other): S5 / -

G: U: yes

rporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - this release: 2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.

remarks - general: SP-21: WI = charging management for the bearer level

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	.	0	.	0	0	SP-030410
SP-25	2004-09-20	2	.	0	.	0	0	SP-040552
SP-25	2004-09-23	6	.	0	.	0	0	
SP-26	2005-01-04	6	.	1	.	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.252 Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging

Rel-6 current version: 1.0.0 / DRAFT / rapporteur: GOERMER, Gerad / SIEMENS AG  
freeze\_meeting: SP-26 / G: U: yes / MCC: ZOICAS, Adrian

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	2	0	
draft	2004-06-22	0	2	1
S5-044256 - history box claims odd curious version numbers, not to be believed				
S5-40		0	3	0
S5-40b	2005-01-20	0	4	0
draft		0	5	0
SP-27	2005-03-01	1	0	0

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## TS 32.260 Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging

Rel-6 current version: 6.0.0 / - / rapporteur: ALEXANDER, Benni / NOKIA Corporation  
freeze\_meeting: SP-26 / G: U: yes / MCC: ZOICAS, Adrian

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	1	
draft	2003-10-22	0	1	0
S5-36		0	2	0
draft		0	3	0
draft	2004-03-03	0	4	0
SP-23	2004-03-22	1	0	0
S5-37b		1	1	0
S5-38		1	2	0
S5-38b	2004-09-23	1	3	0
S5-39b	2004-11-05	1	5	0
draft	2004-11-26	1	8	0
SP-26	2004-11-29	2	0	0
SP-26	2005-01-04	6	0	0

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.270

Rel-6 **Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging**

WG (prime / other): S5 / -

GOERMER, Gerard

SIEMENS AG

freeze\_meeting: SP-26

rapporteur: MCC:

ZOICAS, Adrian

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	0	0	0	SP-030412
SP-25	2004-09-20	2	0	0	0	SP-040555
SP-25	2004-09-23	6	0	0	0	
SP-26	2005-01-04	6	1	1	0	

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## TS 32.271

Rel-6 **Telecommunication management; Charging management; Location Services (LCS) charging**

WG (prime / other): S5 / -

BIBAS, Alain

ORANGE SA

freeze\_meeting: SP-26

rapporteur: MCC:

ZOICAS, Adrian

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	0	0	0	SP-030411
draft		1	1	1	0	
draft		1	1	1	1	
draft		1	3	0	0	
draft		1	4	0	0	
S5-39	2004-09-23	1	5	0	0	
S5-39b	2004-11-05	1	6	0	0	
draft	2004-11-26	1	8	0	0	
SP-26	2004-11-29	2	0	0	0	SP-040781
SP-26	2005-01-04	6	0	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.272 Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging

Rel-6 current version: 1.0.0 WG (prime / other): S5 / - rapporteur: GOERMER, Gerold

freeze\_meeting: SP-26 G: U: yes MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general: SP-24: this spec is a straw man for shooting down by OMA; it may never reach maturity. remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2004-05-24	0	0	2	History claims that this is v0.1.0.	<a href="#">get it</a>
draft		0	1	0		
S5-39b	2004-11-05	0	2	0		<a href="#">get it</a>
S5-40		0	3	0		
S5-40b	2005-01-20	0	4	0		<a href="#">get it</a>
SP-27	2005-02-08	1	0	0		<a href="#">get it</a>

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## TS 32.273

Rel-6 Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging

current version: 1.0.0 WG (prime / other): S5 / rapporteur: NEAL, Adrian

freeze\_meeting: SP-26 G: U: yes MCC: ZOICAS, Adrian

VODAFONE LTD

remarks - general: W1 to be approved SP-26, code MBMS-CH. Meanwhile, allocate to SuM. SP-26: Correctly allocated to W1 "MBMS charging". remarks - this release:

### history (event, available, version, comments, hyperlink):

draft		0	0	0		
S5-40b		0	1	0		
S5-40b	2005-01-20	0	1	1		<a href="#">get it</a>
SP-27	2005-02-03	1	0	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.295 Telecommunication management; Charging management; Charging Data Record (CDR) transfer

Rel-6 current version: 6.0.0 / - rapporteur: GOERMER, Gerard SIEMENS AG  
freeze\_meeting: SP-26 / - MCC: ZOICAS, Adrian

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-20 1 . 0 . 0 SP-040553  
SP-25 2004-09-23 6 . 0 . 0

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## TS 32.296 Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces

Rel-6 current version: 6.0.0 / - rapporteur: BROWN, Yishai Amdocs Software Systems Limited  
freeze\_meeting: SP-26 / - MCC: ZOICAS, Adrian

remarks - general: WID = CH (SP-030047) remarks - this release: Original target for approval = SP-21.

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 2  
S5-35b 2003-10-22 0 . 1 . 0  
S5-36 0 . 3 . 0  
draft 0 . 4 . 0  
S5-36b 2004-01-26 0 . 5 . 0 S5-044040  
SP-23 2004-03-22 1 . 0 . 0 SP-040141  
S5-25 2004-08-30 1 . 8 . 0 S5-044572 Rev S5-044571  
SP-25 2004-09-20 1 . 8 . 1 SP-040551  
S5-39b 2004-11-05 1 . 10 . 0 S5-044654  
draft 2004-11-26 1 . 12 . 0 change history shows version 6.0.0  
SP-26 2004-11-29 2 . 0 . 0 SP-040774  
SP-26 2005-01-04 6 . 0 . 0

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.297** **Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer**  
Rel-6 **WG (prime / other):** S5 / - **rappporteur:** GOERMER, Gerald  
**freeze\_meeting:** SP-26 **G:** U: yes **MCC:** ZOICAS, Adrian  
**SIEMENS AG**  
**remarks - general:** 2003-08-18: Title changed from "Telecommunication management; Charging management; Charging interface description to the billing domain". **remarks - this release:**

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-17	1	0	0	0	SP-030273
draft		1	0	0	1	
draft		1	1	0	0	
draft		1	2	0	0	
S2-36b	2004-01-26	1	2	1	1	
draft		1	3	0	0	
draft	2004-03-03	1	4	0	0	S5-044147
draft	2004-03-05	1	4	1	1	
SP-23	2004-03-22	2	0	0	0	SP-040142
SP-23	2004-03-22	6	0	0	0	

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**TS 32.298** **Telecommunication management; Charging management; Charging Data Record (CDR) parameter description**  
Rel-6 **WG (prime / other):** S5 / - **rappporteur:** GOERMER, Gerald  
**freeze\_meeting:** SP-26 **G:** U: yes **MCC:** ZOICAS, Adrian  
**SIEMENS AG**  
**remarks - general:** **remarks - this release:**

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	0	0	0	SP-030413
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.299 Telecommunication management; Charging management; Diameter charging applications

WG (prime / other): S5 / -

G: U: yes

rappporteur: ALEXANDER, Benni  
MCC: ZOICAS, Adrian

NOKIA Corporation

remarks - general: 2003-08-18: Title changed from "Telecommunication management; Charging management; Charging protocol description".  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	1	0
draft	2004-01-26	0	2
SP-23	2004-03-22	1	0
SP-25	2004-09-20	2	0
SP-25	2004-09-23	6	0
SP-26	2005-01-04	6	1

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## TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects

WG (prime / other): S5 / -

G: yes U: yes

rappporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian

Telefon AB LM Ericsson

remarks - general: Replaces 32.106-8 (pairs)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-26	2005-01-04	6	0
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## TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements

WG (prime / other): S5 / -

G: yes U: yes

rappporteur: SCHMIDT, Joerg  
MCC: ZOICAS, Adrian

MOTOROLA A/S

remarks - general: was 32.301-1

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23	2004-03-24	6	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.302** **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* 6.1.0 Ericsson Incorporated  
*freeze\_meeting:* SP-26 TSE, Edwin  
G: yes U: yes ZOICAS, Adrian  
*remarks - general:* was 32.301-2  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-24 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

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**TS 32.303** **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-6 *current version:* Set (SS) S5 /-  
SIEMENS AG POLLAKOWSKI, Olaf  
*freeze\_meeting:* SP-26  
*remarks - general:* was 32.301-3  
G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-24 6 . 0 . 0  
SP-25 2004-09-28 6 . 1 . 0  
SP-26 2005-01-04 6 . 2 . 0

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**TS 32.304** **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**  
Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26  
SIEMENS AG  
*remarks - general:* was 32.301-4  
G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-24 6 . 0 . 0

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
G: yes U: yes  
WG (prime / other): S5 /  
MCC: TSE, Edwin  
ZOICAS, Adrian  
Ericsson Incorporated

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

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## TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26  
G: yes U: yes  
WG (prime / other): S5 /  
MCC: TSE, Edwin  
ZOICAS, Adrian  
Ericsson Incorporated

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

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## TS 32.313 Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
G: yes U: yes  
WG (prime / other): S5 /  
MCC: TSE, Edwin  
ZOICAS, Adrian  
Ericsson Incorporated

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-11-26 0 . 1 . 0  
SP-26 2004-11-29 1 . 0 . 0 SP-040795  
SP-26 2005-01-04 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.314 Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6  
WG (prime / other): S5 /  
G: U: yes

rapporteur: SUERBAUM, Clemens  
MCC: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	1	0
SP-26	2004-11-29	1	0
SP-26	2005-01-04	6	0

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## TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP): Requirements

Rel-6  
WG (prime / other): S5 / -  
G: yes U: yes

rapporteur: POLLAKOWSKI, Olaf  
MCC: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23	2004-03-24	6	0
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## TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)

Rel-6  
WG (prime / other): S5 / -  
G: yes U: yes

rapporteur: POLLAKOWSKI, Olaf  
MCC: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25	2004-09-29	6	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)

WG (prime / other): S5 / - rapporteur: TSE, Edwin  
Ericsson Incorporated

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-29 6 . 0 . 0

SP-26 2005-01-04 6 . 1 . 0

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## TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)

WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-29 6 . 0 . 0

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## TS 32.331 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Requirements

WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg  
MOTOROLA A/S

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-05 1 . 0 . 0 SP-030638

SP-23 2004-03-22 2 . 0 . 0 SP-040122

SP-23 2004-03-22 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.332

Rel-6 **Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Information Service (IS)** MOTOROLA A/S

WG (prime / other): S5 / rapporteur: SCHMIDT, Joerg

freeze\_meeting: SP-26

G: yes U: yes

remarks - general:  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23	2004-03-22	1	.	0	.	0	SP-040123
draft	2004-11-26	1	.	0	.	7	
SP-26	2004-11-29	2	.	0	.	0	SP-040798
SP-26	2005-01-04	6	.	0	.	0	

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## TS 32.333

Rel-6 **Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)** Ericsson Incorporated

WG (prime / other): S5 / rapporteur: TSE, Edwin

freeze\_meeting: SP-26

G: yes U: yes

remarks - general:  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

## TS 32.334

Rel-6 **Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)** SIEMENS AG

WG (prime / other): S5 / rapporteur: SUERBAUM, Clemens

freeze\_meeting: SP-26

G: yes U: yes

remarks - general:  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-11-26	0	.	0	.	2	
SP-26	2004-11-29	1	.	0	.	0	SP-040799
SP-26	2005-01-04	6	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.335

Rel-6

**Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions**

WG (prime / other): S5 / rapporteur: RAYMER, David  
G: U: yes MCC: ZOICAS, Adrian  
Motorola Inc.

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-20 1 . 0 . 0 SP-040564

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## TS 32.341

Rel-6

**Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements**

WG (prime / other): S5 / rapporteur: SCHMIDT, Joerg  
G: yes U: yes MCC: ZOICAS, Adrian  
MOTOROLA A/S

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20 2003-06-17 1 . 0 . 0 SP-030290  
SP-23 2004-03-22 2 . 0 . 0 SP-040124  
SP-23 2004-03-22 6 . 0 . 0

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## TS 32.342

Rel-6

**Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)**

WG (prime / other): S5 / rapporteur: RUJ, Lanlan  
G: yes U: yes MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-05 1 . 0 . 0 SP-030637  
SP-24 2004-06-14 2 . 0 . 0 SP-040244  
SP-24 2004-06-15 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.343** **Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

WG (prime / other): S5 /  
G: yes U: yes

rapporteur: RUJ, Lanlan  
MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23	2004-03-22	1	.	0	.	0	0	SP-040127
SP-25	2004-09-20	2	.	0	.	0	0	SP-040563
SP-25	2004-09-28	6	.	0	.	0	0	
SP-26	2005-01-04	6	.	1	.	0	0	

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**TS 32.344** **Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S5 /  
G: yes U: yes

rapporteur: SUERBAUM, Clemens  
MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-11-26	0	.	1	.	0	0	
SP-26	2004-11-29	1	.	0	.	0	0	SP-040801
SP-26	2005-01-04	6	.	0	.	0	0	

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**TS 32.351** **Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S5 /  
G: yes U: yes

rapporteur: LI, Yewen  
MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

remarks - general:

WI = OAM-NIM (UID 35014)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22	2004-01-05	1	.	0	.	0	0	SP-030632
SP-23	2004-03-22	2	.	0	.	0	0	SP-040125
SP-23	2004-03-22	6	.	0	.	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.352 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)

Rel-6  
WG (prime / other): S5 /  
G: yes U: yes  
freeze\_meeting: SP-26  
current version: 6.0.0  
WI = OAM-NIM (UID 35014)  
rapporteur: LI, Yewen  
MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

remarks - general: WI = OAM-NIM (UID 35014)  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22	2004-01-05	1	.	0	.	0	SP-030633
SP-24	2004-06-15	2	.	0	.	0	SP-040245
SP-24	2004-06-15	6	.	0	.	0	

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## TS 32.353 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6  
WG (prime / other): S5 /  
G: yes U: yes  
freeze\_meeting: SP-26  
current version: 6.1.0  
WI = OAM-NIM (UID 35014)  
rapporteur: LI, Yewen  
MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

remarks - general: WI = OAM-NIM (UID 35014)  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24	2004-06-15	1	.	0	.	0	SP-040246
SP-24	2004-06-15	6	.	0	.	0	
SP-26	2005-01-04	6	.	1	.	0	

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## TS 32.354 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6  
WG (prime / other): S5 /  
G: yes U: yes  
freeze\_meeting: SP-26  
current version: 6.0.0  
WI = OAM-NIM (UID 35014)  
rapporteur: SUERBAUM, Clemens  
MCC: ZOICAS, Adrian  
SIEMENS AG

remarks - general: WI = OAM-NIM (UID 35014)  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft		0	.	0	.	1	
SP-26	2004-11-30	1	.	0	.	0	SP-040803
SP-26	2005-01-04	6	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.361 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements

WG (prime / other): S5 / rapporteur: LI, Yewen  
G: yes U: yes MCC: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general: WI = OAM-NIM (UID 35014)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	.	0	.	0	SP-030423
SP-22	2004-01-05	2	.	0	.	0	SP-030634
SP-22	2004-01-05	6	.	0	.	0	

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## TS 32.362 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)

WG (prime / other): S5 / rapporteur: LI, Yewen  
G: yes U: yes MCC: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general: WI = OAM-NIM (UID 35014)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	.	0	.	0	SP-030424
SP-22	2004-01-05	2	.	0	.	0	SP-030635
SP-22	2004-01-05	6	.	0	.	0	
SP-23	2004-03-24	6	.	1	.	0	
SP-24	2004-06-15	6	.	2	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.363** **Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6  
current version: 6.2.0  
freeze\_meeting: SP-26  
remarks - general: WI = OAM-NIM (UID 35014)

**WG (prime / other): S5 /**

rapporporteur: LI, Yewen

MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	.	0	.	0	SP-040425
SP-22	2004-01-05	2	.	0	.	0	SP-030636
SP-22	2004-01-05	6	.	0	.	0	
SP-24	2004-06-15	6	.	1	.	0	
SP-26	2005-01-04	6	.	2	.	0	

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**TS 32.364** **Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6  
current version: none  
freeze\_meeting: SP-26  
remarks - general: WI = OAM-NIM (UID 35014)

**WG (prime / other): S5 /**

rapporporteur: LI, Yewen

MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.371 Telecommunication management; Security Management concept and requirements

Rel-6 current version: 6.1.0 / WG (prime / other): S5 / rapporteur: YANG, Li  
freeze\_meeting: SP-26 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: WI = OAM-AR (UID 35011) SP-25: title changed from "Security Management Integration Reference Point (IRP): Requirements".  
remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2004-01-05	0	0	1	<a href="#">get it</a>
SP-23	2004-03-22	1	0	0	<a href="#">get it</a>
SP-25	2004-09-20	2	0	0	<a href="#">get it</a>
SP-25	2004-09-23	6	0	0	<a href="#">get it</a>
SP-26	2005-01-04	6	1	0	<a href="#">get it</a>

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## TS 32.372 Telecommunication management; Security Management Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: none / WG (prime / other): S5 / rapporteur: YANG, Li  
freeze\_meeting: SP-26 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: WI = OAM-AR (UID 35011)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

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## TS 32.373 Telecommunication management; Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6 current version: none / WG (prime / other): S5 / rapporteur: YANG, Li  
freeze\_meeting: SP-26 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: WI = OAM-AR (UID 35011)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.374** **Telecommunication management; Security Management Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6  
current version: none  
freeze\_meeting: SP-26  
remarks - general: WI = OAM-AR (UID 35011)

WG (prime / other): S5 /  
G: yes U: yes  
rapporteur: YANG, Li  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

**TS 32.401** **Telecommunication management; Performance Management (PM); Concept and requirements**

Rel-6  
current version: 6.4.1  
freeze\_meeting: SP-26  
remarks - general: was 32.104 (pars)

WG (prime / other): S5 / -  
G: yes U: yes  
rapporteur: HÜBINETTE, Ulf  
MCC: ZOICAS, Adrian  
remarks - this release:

Telefon AB LM Ericsson

history (event, available, version, comments, hyperlink):

SP-21	2003-10-15	6	0	0	
SP-22	2004-01-05	6	1	0	
SP-24	2004-06-15	6	2	0	
SP-25	2004-09-28	6	3	0	
SP-26	2005-01-04	6	4	0	
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM

Rel-6 current version: 6.6.0 freeze\_meeting: SP-26

remarks - general: was 32.104 (pars)

NORTEL NETWORKS (EUROPE)

WG (prime / other): S5 / - rapporteur: TOCHE, Christian  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-20	2003-06-27	6	.	0	.	0
SP-21	2003-10-15	6	.	1	.	0
SP-22	2004-01-05	6	.	2	.	0
SP-23	2004-03-24	6	.	3	.	0
SP-24	2004-06-17	6	.	4	.	0
SP-25	2004-09-29	6	.	5	.	0
SP-26	2005-01-04	6	.	6	.	0

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## TS 32.411 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements

Rel-6 current version: 6.3.0

freeze\_meeting: SP-26

remarks - general:

Telefon AB LM Ericsson

WG (prime / other): S5 / - rapporteur: HÜBINETTE, Ulf  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	1	.	0	.	0
SP-20	2003-06-17	2	.	0	.	0
SP-20	2003-06-18	6	.	0	.	0
SP-21	2003-10-15	6	.	1	.	0
SP-22	2004-01-05	6	.	2	.	0
SP-24	2004-06-15	6	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.412 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 6.3.0 rapporteur: RUJ, Lanlan  
freeze\_meeting: SP-26 MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

remarks - general:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-20 2003-06-17 1 . 0 . 0 SP-030295  
S5-34b 2003-07-29 1 . 1 . 0  
S5-35 1 . 2 . 0  
S5-35 1 . 3 . 0  
S5-35b 2003-11-03 1 . 4 . 0 S5-038724  
SP-22 2004-01-05 2 . 0 . 0 SP-030650  
SP-22 2004-01-05 6 . 0 . 0  
SP-24 2004-06-15 6 . 1 . 0  
SP-25 2004-09-23 6 . 2 . 0  
SP-26 2005-01-04 6 . 3 . 0

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## TS 32.413

Rel-6

## Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

current version: 6.3.0 rapporteur: RUJ, Lanlan  
freeze\_meeting: SP-26 MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

remarks - general:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-22 2 . 0 . 0 SP-040136  
SP-23 2004-03-22 6 . 0 . 0  
SP-24 2004-06-15 6 . 1 . 0  
SP-25 2004-09-28 6 . 2 . 0  
SP-26 2005-01-04 6 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.414 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6  
WG (prime / other): S5 / -  
current version: 6.0.0  
freeze\_meeting: SP-26  
rapporporteur: POLLAKOWSKI, Olaf  
MCC: SIEMENS AG  
ZOICAS, Adrian

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-11-26	0	.	1	.	0
SP-26	2004-11-30	1	.	0	.	0
SP-26	2005-01-04	6	.	0	.	0

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## TS 32.421

Rel-6  
WG (prime / other): S5 / -  
current version: 6.5.0  
freeze\_meeting: SP-26  
rapporporteur: KORINEK, Frank  
MCC: ZOICAS, Adrian  
MOTOROLA JAPAN LTD

Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	.	0	.	0
SP-18	2003-01-06	2	.	0	.	0
SP-18	2003-01-06	6	.	0	.	0
SP-19	2003-03-31	6	.	1	.	0
SP-22	2004-01-05	6	.	2	.	0
SP-23	2004-03-23	6	.	3	.	0
SP-25	2004-09-24	6	.	4	.	0
SP-26	2005-01-04	6	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.422** **Telecommunication management; Subscriber and equipment trace; Trace control and configuration management**  
Rel-6 *current version:* 6.1.0 *rapporateur:* RAO, Mohan  
*freeze\_meeting:* SP-26 *MCC:* ZOICAS, Adrian  
*remarks - general:* U: yes  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-22 1 . 0 . 0 SP-040117  
SP-25 2004-09-20 2 . 0 . 0 SP-040543  
SP-25 2004-09-24 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

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**TS 32.423** **Telecommunication management; Subscriber and equipment trace; Trace data definition and management**  
Rel-6 *current version:* 6.0.0 *rapporateur:* TOCHE, Christian  
*freeze\_meeting:* SP-26 *MCC:* ZOICAS, Adrian  
*remarks - general:* U: yes  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-25 2004-09-24 1 . 0 . 0 SP-040544  
draft 2004-11-26 1 . 3 . 0  
SP-26 2004-11-29 2 . 0 . 0 SP-040771  
SP-26 2005-01-04 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.432 Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Information Service (IS)

Rel-6 WG (prime / other): S5 / - rapporteur: RAO, Mohan

freeze\_meeting: SP-26

G: U: yes

MCC: ZOICAS, Adrian

Lucent Technologies Network Systems UK

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25	2004-09-24	1	.	0	.	0	SP-040578
draft	2004-11-26	1	.	3	.	0	
SP-26	2004-11-29	2	.	0	.	0	SP-040786
SP-26	2005-01-04	6	.	0	.	0	

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## TS 32.435 Telecommunications management; Performance measurement: eXtensible Markup Language (XML) file format definition

Rel-6 WG (prime / other): S5 / - rapporteur: TOCHE, Christian

freeze\_meeting: SP-26

G: U: yes

MCC: ZOICAS, Adrian

NORTEL NETWORKS (EUROPE)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25	2004-09-20	1	.	0	.	0	SP-040579
draft		1	.	3	.	0	
SP-26	2004-11-29	2	.	0	.	0	SP-040787
SP-26	2005-01-04	6	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.436

Rel-6 **Telecommunications management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition**

current version: 6.0.0

freeze\_meeting: SP-26

G: U: yes

WG (prime / other): S5 / -

rapporporteur: TOCHE, Christian

MCC: ZOICAS, Adrian

NORTEL NETWORKS (EUROPE)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-20 1 . 0 . 0 SP-040580

draft 2004-11-26 1 . 3 . 0

SP-26 2004-11-29 2 . 0 . 0 SP-040788

sp-26 2005-01-04 6 . 0 . 0

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## TS 32.600

Rel-6 **Telecommunication management; Configuration Management (CM); Concept and high-level requirements**

current version: 6.0.0

freeze\_meeting: SP-26

G: yes U: yes

WG (prime / other): S5 / -

rapporporteur: TOVINGER, Thomas

MCC: ZOICAS, Adrian

Telefon AB LM Ericsson

remarks - general: Replaces 32.106 (pars).

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 6 . 0 . 0

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## TS 32.601

Rel-6 **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements**

current version: 6.1.1

freeze\_meeting: SP-26

G: yes U: yes

WG (prime / other): S5 / -

rapporporteur: PIRT, Trevor

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general: was 32.601-1

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 6 . 0 . 0

SP-26 2005-01-04 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.602

Rel-6 **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)**  
current version: 6.0.0  
freeze\_meeting: SP-26  
G: yes U: yes  
Telefon AB LM Ericsson  
TOVINGER, Thomas  
ZOICAS, Adrian

remarks - general: was 32.601-2  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0

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## TS 32.603

Rel-6 **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
current version: 6.2.0  
freeze\_meeting: SP-26  
G: yes U: yes  
Ericsson Incorporated  
TSE, Edwin  
ZOICAS, Adrian

remarks - general: was 32.601-3  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0  
SP-25 2004-09-28 6 . 1 . 0  
SP-26 2005-01-04 6 . 2 . 0

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## TS 32.604

Rel-6 **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set**  
current version: 6.0.0  
freeze\_meeting: SP-26  
G: yes U: yes  
SIEMENS AG  
POLLAKOWSKI, Olaf  
ZOICAS, Adrian

remarks - general: was 32.601-4  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.611

Rel-6 T-MOBILE DEUTSCHLAND

**Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**

WG (prime / other): S5 / rapporteur: PAL, Tapinder

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: was 32.602-1

freeze\_meeting: SP-26

history (event, available, version, comments, hyperlink):

SP-23 2004-03-24 6 . 0 . 0

SP-25 2004-09-24 6 . 1 . 0

edito post SP-26 2005-01-04 6 . 1 . 1

## TS 32.612

Rel-6 MOTOROLA Ltd

**Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)**

WG (prime / other): S5 / rapporteur: PIRT, Trevor

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: was 32.602-2

history (event, available, version, comments, hyperlink):

SP-23 2004-03-24 6 . 0 . 0

SP-26 2005-01-04 6 . 1 . 0

## TS 32.613

Rel-6 MOTOROLA Ltd

**Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**

WG (prime / other): S5 / rapporteur: PIRT, Trevor

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: was 32.602-3

history (event, available, version, comments, hyperlink):

SP-23 2004-03-24 6 . 0 . 0

SP-26 2005-01-04 6 . 1 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set

WG (prime / other): S5 / rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-24 6 . 0 . 0  
edito post SP-26 2005-01-04 6 . 0 . 1

[get it](#)  
[get it](#)

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## TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition

WG (prime / other): S5 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-29 6 . 0 . 0 XML schema available 2004-11-02  
SP-26 2005-01-04 6 . 1 . 0

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[get it](#)

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## TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements

WG (prime / other): S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-29 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-6 32 .- series

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## TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

WG (prime / other): S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22	2004-01-13	6	.	0	.	0
SP-23	2004-03-24	6	.	1	.	0
SP-24	2004-06-15	6	.	2	.	0
SP-26	2005-01-04	6	.	3	.	0

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[get it](#)  
[get it](#)  
[get it](#)

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## TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture

WG (prime / other): 6.3.0 S5 / - rapporteur: PIJRT, Trevor

MOTOROLA Ltd

freeze\_meeting: SP-26

remarks - general: was 32.620-3

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22	2004-01-14	6	.	0	.	0
SP-23	2004-03-24	6	.	1	.	0
SP-24	2004-06-15	6	.	2	.	0
SP-25	2004-09-28	6	.	3	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 32.624 Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol

WG (prime / other): 6.1.0 S5 / - rapporteur: POLLAKOWSKI, Olaf

SIEMENS AG

freeze\_meeting: SP-26

remarks - general: was 32.620-4

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24	2004-06-15	6	.	0	.	0
SP-26	2005-01-04	6	.	1	.	0

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[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.625** **Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML)**  
Rel-6 **WG (prime / other):** S5 **TOCHE, Christian NORTEL**  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-26

*remarks - general:*

G: yes U: yes

MCC: ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22 2004-01-14 6 . 0 . 0 [get it](#)  
SP-23 2004-03-24 6 . 1 . 0 [get it](#)  
SP-24 2004-06-17 6 . 2 . 0 [get it](#)  
SP-26 2005-01-04 6 . 3 . 0 [get it](#)

**TS 32.631** **Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements**  
Rel-6 **WG (prime / other):** S5 / - **PIRT, Trevor MOTOROLA Ltd**  
**G:** U: yes **MCC:** ZOICAS, Adrian

*remarks - general:* was 32.621-1

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 [get it](#)

**TS 32.632** **Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-6 **WG (prime / other):** S5 / - **PAL, Tapinder T-MOBILE DEUTSCHLAND**  
**G:** yes U: yes **MCC:** ZOICAS, Adrian

*remarks - general:* was 32.621-2

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 [get it](#)  
SP-26 2005-01-04 6 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-6 32 .- series

**TS 32.633** Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture  
Rel-6 current version: (CORBA) Solution Set (SS) S5 /- PAL, Tapinder  
T-MOBILE DEUTSCHLAND

freeze\_meeting: SP-26  
remarks - general: was 32.621-3

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-28 6 . 0 . 0 [get it](#)  
SP-26 2005-01-04 6 . 1 . 0 [get it](#)

**TS 32.634** Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol  
Rel-6 current version: (CMIP) Solution Set (SS) S5 /- POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-26  
remarks - general: was 32.621-4

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-29 6 . 0 . 0 [get it](#)

**TS 32.635** Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file  
Rel-6 current version: format definition S5 /- TOCHE, Christian  
NORTEL NETWORKS (EUROPE)

freeze\_meeting: SP-26  
remarks - general: RP-15: existence gleaned from S5 report.

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-29 6 . 0 . 0 XML schema available 2004-11-02 [get it](#)  
SP-26 2005-01-04 6 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.641** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements**  
Rel-6 *current version:* 6.0.0 *rappporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-24 6 . 0 . 0

[get it](#)

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**TS 32.642** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Network Resource Model (NRM)**  
Rel-6 *current version:* 6.3.0 *rappporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-26 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-24 6 . 0 . 0 [get it](#)  
SP-24 2004-06-17 6 . 1 . 0 [get it](#)  
SP-25 2004-10-26 6 . 2 . 0 CR027 not implementable; hence late [get it](#)  
delivery.  
SP-26 2005-01-04 6 . 3 . 0 [get it](#)

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**TS 32.643** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Common Object Request Broker Architecture**  
Rel-6 *current version:* 6.3.0 *WG (prime / other):* S5 /- *rappporteur:* PIRT, Trevor  
MOTOROLA Ltd

*freeze\_meeting:* SP-26 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-24 6 . 0 . 0 [get it](#)  
SP-24 2004-06-17 6 . 1 . 0 [get it](#)  
SP-25 2004-09-29 6 . 2 . 0 [get it](#)  
SP-26 2005-01-04 6 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-6 32 .- series

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**TS 32.644** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-6 **WG (prime / other):** S5 / - **SIEMENS AG** **rappporteur:** POLLAKOWSKI, Olaf

*freeze\_meeting:* SP-26  
*remarks - general:* was 32.622-4

**G:** *U:* yes

**MCC:** ZOICAS, Adrian

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 32.645** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-6 **WG (prime / other):** S5 / - **NETWORKS (EUROPE)** **rappporteur:** TOCHE, Christian NORTEL

*freeze\_meeting:* SP-26  
*remarks - general:*

**G:** *U:* yes

**MCC:** ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-24 2004-06-17 6 . 0 . 0  
SP-25 2004-09-29 6 . 1 . 0 XML schema available 2004-11-02  
SP-26 2005-01-04 6 . 2 . 0

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[get it](#)  
[get it](#)

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**TS 32.651** **Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements**  
Rel-6 **WG (prime / other):** S5 / - **SIEMENS AG** **rappporteur:** PIRT, Trevor **MOTOROLA Ltd**  
*freeze\_meeting:* SP-26 **MCC:** ZOICAS, Adrian

*remarks - general:* was 32.623-1

**G:** yes *U:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-25 2004-09-29 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: was 32.623-2

WG (prime / other): S5 / -  
G: yes U:  
rapporporteur: PETERSEN, Robert  
Ericsson AB  
MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-28 6 . 0 . 0 Cover page erroneously shows Release [get it](#)  
5. To be corrected post SP-27.

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## TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6  
current version: 6.0.0  
MOTOROLA Ltd

freeze\_meeting: SP-26  
remarks - general: was 32.623-3

WG (prime / other): S5 / -  
G: yes U:  
rapporporteur: PIRT, Trevor

MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-29 6 . 0 . 0 [get it](#)

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## TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6  
current version: 6.0.0  
SIEMENS AG

freeze\_meeting: SP-26  
remarks - general: was 32.623-4

WG (prime / other): S5 / -  
G: yes U:  
rapporporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-28 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.655** **Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-6 *current version:* format definition S5  
NETWORKS (EUROPE) / *rapporteur:* TOCHE, Christian NORTEL

*freeze\_meeting:* SP-26

*remarks - general:*

G: yes U: yes

MCC: ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 XML schema available 2004-11-02 [get it](#)

[get it](#)

**TS 32.661** **Telecommunication management; Configuration Management (CM); Kernel CM; Requirements**

Rel-6 *current version:* 6.6.1 S5 / *rapporteur:* TOVINGER, Thomas  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian  
Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-04-01 6 . 0 . 0 [get it](#)  
SP-24 2004-06-15 6 . 1 . 0 [get it](#)  
SP-26 2005-01-04 6 . 2 . 0 [get it](#)  
edito post SP-26 2005-02-11 6 . 6 . 1 corrects history box [get it](#)

**TS 32.662** **Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)**

Rel-6 *current version:* 6.3.0 S5 / *rapporteur:* TOVINGER, Thomas  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian  
Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-04-01 6 . 0 . 0 [get it](#)  
SP-22 2004-01-13 6 . 1 . 0 [get it](#)  
SP-23 2004-03-24 6 . 2 . 0 [get it](#)  
SP-24 2004-06-15 6 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.663

Rel-6 **Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution**

current version: 6.3.0

freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S5 /

rappporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19	2003-04-03	6	.	0	.	0
SP-24	2004-06-15	6	.	1	.	0
SP-25	2004-09-28	6	.	2	.	0
SP-26	2005-01-04	6	.	3	.	0

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## TS 32.664

Rel-6 **Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set**

current version: 6.2.0

freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S5 /

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19	2003-04-01	6	.	0	.	0
SP-20	2003-06-27	6	.	1	.	0
SP-25	2004-09-28	6	.	2	.	0

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## TS 32.671

Rel-6 **Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Requirements**

current version: 6.0.0

freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S5 / -

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23	2004-03-23	6	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Information Service (IS)

Rel-6 WG (prime / other): 6.0.0 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
freeze\_meeting: SP-26 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0

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## TS 32.673 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)

Rel-6 WG (prime / other): 6.1.0 / - rapporteur: PIRT, Trevor  
MOTOROLA Ltd

freeze\_meeting: SP-26

remarks - general:

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0  
SP-25 2004-09-29 6 . 1 . 0

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[get it](#)

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## TS 32.674 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

Rel-6 WG (prime / other): 6.1.0 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-26

remarks - general:

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.675** **Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format**  
Rel-6 *current version: definition* S5 / *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-26

*remarks - general:*

G: U: yes

MCC: ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	0	.	2
SP-26	2004-11-29	1	.	0	.	0
SP-26	2005-01-04	6	.	0	.	0

[get it](#)  
[get it](#)  
[get it](#)

**TS 32.681**

**Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Requirements**

Rel-6 *current version: 1.0.0* DRAFT  
*freeze\_meeting:* SP-26  
PAL, Tapinder  
ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:*

MCC: ZOICAS, Adrian

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0
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**TS 32.682**

**Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**

Rel-6 *current version: none*  
*freeze\_meeting:* SP-26  
PAL, Tapinder  
ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:*

MCC: ZOICAS, Adrian

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.683 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6  
current version: none  
freeze\_meeting: SP-26

WG (prime / other): S5 / -  
G: yes U: yes  
rapporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian

remarks - general: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

## TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6  
current version: none  
freeze\_meeting: SP-26

WG (prime / other): S5 / -  
G: yes U: yes  
rapporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian

remarks - general: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 32.690 Telecommunication management; Inventory Management (IM): Requirements

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S5 / -  
G: yes U: yes  
rapporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian

remarks - general: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	1	0
SP-26	2004-11-29	1	0	0
SP-26	2005-01-04	6	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.691 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements

Rel-6 current version: 6.0.1 / rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND  
freeze\_meeting: SP-26 / MCC: ZOICAS, Adrian

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

SP-24 2004-06-15 6 . 0 . 0 = v5.0.0  
edito post SP-26 2005-01-04 6 . 0 . 1

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## TS 32.692 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-6 current version: 6.0.0 / rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND  
freeze\_meeting: SP-26 / MCC: ZOICAS, Adrian

remarks - general:

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 32.695 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Bulk Configuration Management (CM) eXtensible Markup

Rel-6 current version: Language (XML) file format definition / WG (prime / other): S5 / rapporteur: TOVINGER, Thomas  
AB LM Ericsson

freeze\_meeting: SP-26

remarks - general:

G: U: yes / MCC: ZOICAS, Adrian

*remarks - this release:*

Telefon

history (event, available, version, comments, hyperlink):

SP-21 2003-09-29 1 . 0 . 0 SP-030427  
draft 2004-11-26 1 . 1 . 1  
SP-26 2004-11-29 2 . 0 . 0 SP-040817  
SP-26 2005-01-04 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.711 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements

Rel-6 WG (prime / other): S5 / - rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND

G: U: yes MCC: ZOICAS, Adrian

remarks - general: WI = OAM-NIM (UID 35014)

freeze\_meeting: SP-26  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	. 0 . 0	SP-030428
SP-25	2004-09-20	2	. 0 . 0	SP-040596
SP-25	2004-09-24	6	. 0 . 0	

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## TS 32.712 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information

Rel-6 WG (prime / other): S5 / - rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND

G: U: yes MCC: ZOICAS, Adrian

remarks - general: WI = OAM-NIM (UID 35014)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-29	1	. 0 . 0	SP-030429
SP-25	2004-09-20	2	. 0 . 0	SP-040597
SP-25	2004-09-24	6	. 0 . 0	

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## TS 32.713 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object

Rel-6 WG (prime / other): 6.0.0WG (prime / other): S5 / - rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND

freeze\_meeting: SP-26

remarks - general: WI = OAM-NIM (UID 35014)

G: U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25	2004-09-20	1	. 0 . 0	SP-040598
SP-25	2004-09-28	6	. 0 . 0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-6 32 .- series

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## TS 32.714 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common

Rel-6 current version: Management Information Protocol (CMIP) Solution Set (SS) 6.0.0WG (prime / other): S5 /- rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-26  
remarks - general: WI = OAM-NIM (UID 35014)

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2004-11-26	0	.	1	.	0
SP-26	2004-11-29	1	.	0	.	0
SP-26	2005-01-04	6	.	0	.	0

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## TS 32.715 Telecommunication management; Configuration Management (CM) Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM

Rel-6 current version: eXtensible Markup Language (XML) file format definition 6.0.0WG (prime / other): S5 /- rapporteur: PAL, Tapinder  
T-MOBILE DEUTSCHLAND

freeze\_meeting: SP-26  
remarks - general: WI = OAM-NIM (UID 35014)

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-25	2004-09-20	1	.	0	.	0
SP-25	2004-09-28	6	.	0	.	0

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## TS 32.741 Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point

Rel-6 current version: (IRP): Requirements 6.0.0 WG (prime / other): S5 /- rapporteur: LI, YewenChina Mobile  
Communications Corporation (CMCC)

freeze\_meeting: SP-26  
remarks - general:

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-24	2004-06-14	1	.	0	.	0
SP-25	2004-09-20	2	.	0	.	0
SP-25	2004-09-24	6	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-6 32 .- series

**TS 32.742** **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point** Rel-6 **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point** S5 / - RUJ, Lanlan China  
Mobile Communications Corporation (CMCC)

*freeze\_meeting:* SP-26

*remarks - general:*

G: U: yes

MCC: ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-14 1 . 0 . 0 SP-040263  
SP-25 2004-09-20 2 . 0 . 0 SP-040601  
SP-25 2004-09-24 6 . 0 . 0

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[get it](#)  
[get it](#)

**TS 32.743** **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point** Rel-6 **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point** S5 / - RUJ,  
LanlanChina Mobile Communications Corporation (CMCC)

*freeze\_meeting:* SP-26

*remarks - general:*

MCC: ZOICAS, Adrian

*remarks - this release:*

G: U: yes

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-20 1 . 0 . 0 SP-040602  
SP-25 2004-09-28 6 . 0 . 0

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[get it](#)

**TS 32.744** **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point** Rel-6 **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point** S5 / - RUJ,  
LanlanChina Mobile Communications Corporation (CMCC)

*freeze\_meeting:* SP-26

*remarks - general:*

MCC: ZOICAS, Adrian

*remarks - this release:*

G: U: yes

*history (event, available, version, comments, hyperlink):*

draft 2004-11-26 0 . 1 . 0  
SP-26 2004-11-29 1 . 0 . 0 SP-040819  
SP-26 2005-01-04 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-6 32 .- series

**TS 32.745** Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point  
Rel-6 current version: (IRP): Bulk CM eXtensible Markup Language (XML) file format definition 6.0.0 WG (prime / other): S5 / - rapporteur: RUI,  
LanlanChina Mobile Communications Corporation (CMCC)

freeze\_meeting: SP-26

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2004-11-26	0	.	3	.	0
SP-26	2004-11-29	1	.	0	.	0
SP-26	2005-01-04	6	.	0	.	0

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**TR 32.803** Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)

Rel-6 current version: 6.0.0 WG (prime / other): S5 / rapporteur: ISLIP, John Lucent Technologies Network Systems UK

freeze\_meeting: SP-26

remarks - general:

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23	2004-03-22	1	.	0	.	0
SP-25	2004-09-20	2	.	0	.	0
SP-25	2004-09-24	6	.	0	.	0

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**TR 32.804** Telecommunication management; Control of Remote Electrical Tiling (RET) antennas; Requirements

Rel-6 current version: 6.0.0 WG (prime / other): S5 / rapporteur: MUDGE, John VODAFONE Group Plc

freeze\_meeting: SP-26

remarks - general: WI UID = 35022 (under 23010)

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24	2004-06-14	1	.	0	.	0
SP-25	2004-09-20	2	.	0	.	0
SP-25	2004-09-24	6	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TR 32.815 Telecommunication management; Charging management; Online Charging System (OCS) architecture study

Rel-6  
WG (prime / other): S5 / -  
G: U: yes  
MCC: GOERMER, Gerad  
SIEMENS AG  
ZOICAS, Adrian  
rapporteur:  
MCC:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20	2003-06-17	1	.	0	.	0	SP-030274	<a href="#">get it</a>
SP-21	2003-09-29	2	.	0	.	0	SP-030409	<a href="#">get it</a>
SP-21	2003-09-30	6	.	0	.	0	SP-21: S5 is asked to eliminate multiple options in §5.1.	<a href="#">get it</a>

## Rel-6 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

### TS 33.102 3G security; Security architecture

Rel-6  
current version: 6.3.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / -  
G: U: yes  
MCC: BLOMMAERT, Marc  
POPE, Maurice  
rapporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-30	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-30	6	.	2	.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	3	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.105 Cryptographic algorithm requirements

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: CHIKAZAWA, Takeshi  
MCC: POPE, Maurice

Mitsubishi Electric Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24 2004-06-15 6 . 0 . 0

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## TS 33.106 Lawful interception requirements

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-08 6 . 0 . 0

SP-24 2004-06-15 6 . 1 . 0

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## TS 33.107 3G security; Lawful interception architecture and functions

Rel-6  
current version: 6.4.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21 2003-09-30 6 . 0 . 0

SP-22 2004-01-08 6 . 1 . 0

SP-24 2004-06-15 6 . 2 . 0

SP-25 2004-09-27 6 . 3 . 0

SP-26 2004-12-23 6 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-6 current version: 6.8.2

freeze\_meeting: SP-26

WG (prime / other): S3 /  
G: U: yes

rapporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de).  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-18	2002-12-18	6	.	0	.	0		<a href="#">get it</a>
SP-19	2003-03-24	6	.	1	.	0		<a href="#">get it</a>
SP-20	2003-06-18	6	.	2	.	0		<a href="#">get it</a>
SP-21	2003-09-30	6	.	3	.	0		<a href="#">get it</a>
SP-22	2004-01-08	6	.	4	.	0		<a href="#">get it</a>
SP-23	2004-03-22	6	.	5	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	6	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	7	.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	8	.	0		<a href="#">get it</a>
edito post	SP-26	2005-01-13	6	.	8	.	1	Wrong capitalization in ASN.1
edito post	SP-26	2005-01-24	6	.	8	.	2	Further ASN.1 corrections

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.141 Presence service; Security

Rel-6 current version: 6.1.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / - rapporteur: BOMAN, Krister

G: U: yes POPE, Maurice

Telefon AB LM Ericsson

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

S3-30	2003-10-13	0	.	1	.	0	
draft		0	.	1	.	1	S3-020647
post S3-31	2003-11-12	0	.	2	.	0	
post S3-31	2003-12-04	0	.	3	.	1	
SP-22	2004-01-05	1	.	0	.	0	SP-030719
post S3-23	2004-02-18	1	.	1	.	0	
SP-23	2004-03-22	1	.	1	.	1	SP-040163
S3-33	2004-05-24	1	.	2	.	0	
edito	2004-05-26	1	.	2	.	1	
SP-24	2004-06-14	2	.	0	.	0	SP-040367
SP-24	2004-06-18	6	.	0	.	0	
SP-25	2004-09-27	6	.	1	.	0	

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## TS 33.200

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

remarks - general:

2001-05-24: title grows MAP; see 33.210 for IP equivalent.

## 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

WG (prime / other): S3 / -

G: U: yes

rapporteur: ESCOTT, Adrian

POPE, Maurice

QUALCOMM EUROPE S.A.R.L.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.201 Access domain security

Rel-6 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): S3 /

G: U: yes

rappporteur: POPE, Maurice  
MCC: POPE, Maurice

ETSI Secretariat

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

## TS 33.203 3G security, Access security for IP-based services

Rel-6 current version: 6.5.0

freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 /

G: yes U: yes

rappporteur: BOMAN, Krister  
MCC: POPE, Maurice

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-21	2003-09-30	6	.	0	.	0
SP-22	2004-01-08	6	.	1	.	0
SP-23	2004-03-22	6	.	2	.	0
SP-24	2004-06-15	6	.	3	.	0
SP-25	2004-09-27	6	.	4	.	0
SP-26	2004-12-23	6	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

WG (prime / other): S3 / - rapporteur: KOIEN, Geir  
G: yes U: yes MCC: POPE, Maurice

freeze\_meeting: SP-26

Telenor AS

remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18	2002-12-18	6	.	0	.	0
SP-19	2003-03-24	6	.	1	.	0
SP-20	2003-06-18	6	.	2	.	0
SP-21	2003-09-30	6	.	3	.	0
SP-23	2004-03-22	6	.	4	.	0
SP-24	2004-06-15	6	.	5	.	0

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## TS 33.220 Generic Authentication Architecture (GAA); Generic bootstrapping architecture

WG (prime / other): S3 / rapporteur: HAUUKA, Tao  
G: U: yes MCC: POPE, Maurice

freeze\_meeting: SP-26

NOKIA Corporation

remarks - general: W1 = SEC1-SC (UID 33002) Based on 33.109 §4.  
remarks - this release:

history (event, available, version, comments, hyperlink):

S3-30		0	.	1	.	0
S3-30	2003-11-03	0	.	1	.	1
S3-31	2003-11-28	0	.	2	.	0
SP-22	2004-01-05	1	.	0	.	0
S3-32		1	.	1	.	0
post S3-32	2004-02-23	1	.	2	.	0
post S3-32	2004-03-03	1	.	2	.	1
SP-23	2004-03-22	2	.	0	.	0
SP-23	2004-03-22	6	.	0	.	0
SP-24	2004-06-15	6	.	1	.	0
SP-25	2004-09-27	6	.	2	.	0
SP-26	2004-12-23	6	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series) ACTIVE specs Rel-6 33 .- series

---

## TS 33.221 Generic Authentication Architecture (GAA); Support for subscriber certificates

Rel-6  
current version: 6.2.0  
freeze\_meeting: SP-26

WG (prime / other): S3 / rapporteur: HAUUKA, Tao

G: U: yes  
MCC: POPE, Maurice

remarks - general: W1 = SEC1-SC (UID 33002) Based on 33.109 §5 & annex A.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

S3-30	0	1	0		<a href="#">get it</a>
S3-30	2003-11-03	0	1	1	
S3-31	2003-11-28	0	2	0	
SP-22	2004-01-05	1	0	0	SP-030584
S3-32	1	1	0	0	S3-040190
post S3-32	2004-02-23	1	2	0	<a href="#">get it</a>
post S3-32	2004-03-03	1	2	1	<a href="#">get it</a>
SP-23	2004-03-22	2	0	0	SP-040165
SP-23	2004-03-22	6	0	0	<a href="#">get it</a>
SP-25	2004-09-27	6	1	0	<a href="#">get it</a>
SP-26	2004-12-23	6	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series) ACTIVE specs Rel-6 33 .- series

## TS 33.222 Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)

Rel-6 current version: 6.2.0 rapporteur: SAHLIN, Bengt Telefon AB LM Ericsson

freeze\_meeting: SP-26

MCC: POPE, Maurice

remarks - general: W1 = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.

WG (prime / other): S3 /  
G: U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

S3-30	0	.	1	.	0	S3-030646
draft 2003-11-04	0	.	1	.	1	
draft 2004-01-21	0	.	2	.	0	
S3-32	1	.	0	.	0	
S3-33	2004-05-24	1	.	1	.	0
edito 2004-05-26	1	.	1	.	1	
SP-24 2004-06-14	2	.	0	.	0	SP-040368
SP-24 2004-06-23	6	.	0	.	0	
SP-25 2004-09-28	6	.	1	.	0	
SP-26 2004-12-23	6	.	2	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series) ACTIVE specs Rel-6 33 .- series

## TS 33.234 3G security; Wireless Local Area Network (WLAN) interworking security

WG (prime / other): S3 / - rapporteur: LOPEZ SORIA, Luis Telefon AB LM Ericsson

current version: 6.3.0

G: U: yes MCC: POPE, Maurice

freeze\_meeting: SP-26

remarks - this release:

history (event, available, version, comments, hyperlink):

S3-25	2002-10-23	0	1	0	<a href="#">get it</a>
S3-25		0	2	0	
S3-26		0	3	0	
S3-27		0	4	0	
S3-28		0	5	0	
S3-29	2003-09-26	0	6	0	<a href="#">get it</a>
S3-30	2003-11-12	0	7	0	<a href="#">get it</a>
SP-22	2004-01-05	1	0	0	<a href="#">get it</a>
S3-32	2004-03-01	1	0	1	<a href="#">get it</a>
SP-23	2004-03-22	2	0	0	<a href="#">get it</a>
SP-23	2004-03-22	6	0	0	<a href="#">get it</a>
SP-24	2004-06-15	6	1	0	<a href="#">get it</a>
SP-25	2004-09-27	6	2	0	<a href="#">get it</a>
SP-25	2004-09-29	6	2	1	<a href="#">get it</a>
SP-26	2004-12-23	6	3	0	<a href="#">get it</a>

Sans CR015, which is in conflict with CR017.

Implements CR015 after resolution with S3.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.246 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)

WG (prime / other): S3 / - rapporteur: ESCOTT, Adrian QUALCOMM EUROPE S.A.R.L.

current version: 6.1.0

G: yes U: yes

freeze\_meeting: SP-26

MCC: POPE, Maurice

remarks - general: SP-22: target for v2.0.0 is SP-23, but this will be challenging.

history (event, available, version, comments, hyperlink):

S3-25	2002-10-23	0	0	1	<a href="#">get it</a>
S3-25		0	0	2	
S3-26		0	0	3	
S3-27		0	1	0	
draft	2003-07-08	0	1	1	<a href="#">get it</a>
S3-29	2003-09-02	0	2	0	<a href="#">get it</a>
draft		0	2	1	
S3-30		0	2	2	
S3-31	2003-11-24	0	2	3	
S3-31	2003-11-24	0	3	0	
S3-31	2003-12-05	0	3	1	
SP-22	2004-01-05	1	0	0	SP-030586
SP-22	2004-03-04	1	1	0	ex S3-31
S3-32	2004-04-27	1	1	1	
S3-33	2004-05-25	1	2	0	
SP-24	2004-06-14	1	2	1	SP-040366
S3-34	2004-07-23	1	3	0	S3-040678
S3-34	2004-09-03	1	3	1	
SP-25	2004-09-20	2	0	0	SP-040624
SP-25	2004-09-27	6	0	0	
SP-26	2004-12-23	6	1	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.310 Network domain security; Authentication framework (NDS/AF)

current version: 6.2.0

freeze\_meeting: SP-26

WG (prime / other): S3 / -

G: U: yes

rapporteur: KOSKINEN, Tiina

MCC: POPE, Maurice

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	1	
draft	0	1	0	
draft	0	2	0	
draft	0	3	0	
draft	0	4	0	
draft	0	5	0	
S3-30	2003-11-03	0	6	0
S3-31	2003-11-28	0	7	0
SP-22	2004-01-05	1	0	0 SP-030587
SP-23	2004-03-22	1	1	0 SP-040168
SP-23	2004-03-22	2	0	0 SP-040168
SP-23	2004-03-22	6	0	0
SP-24	2004-06-15	6	1	0
SP-25	2004-09-27	6	2	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.810 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S3 /  
rapporteur: N, A  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

G: U: yes

remarks - general: 2002-07-22: was formerly 33.910.

remarks - this release: SP-17: expect v2.0.0 at SP-18.

history (event, available, version, comments, hyperlink):

draft	0	.	0	.	0	.	0	.	0
draft	0	.	0	.	0	.	1	.	
SP-17	1	.	0	.	0	.	0	.	SP-020507 (wrongly labeled 33.910)
edito post	SP-17	2002-09-18	1	.	0	.	1	.	corrects spec number on front cover
S3-25			1	.	1	.	0	.	
SP-18	2003-01-16		2	.	0	.	0	.	SP-020723
SP-18	2002-12-18		6	.	0	.	0	.	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.817 Feasibility study on (Universal) Subscriber Interface Module (USIM) security reuse by peripheral devices on local interfaces

Rel-6 current version: 6.1.0 / - rapporteur: YAQUB, Raziq  
freeze\_meeting: SP-26 G: yes U: yes MCC: POPE, Maurice

Toshiba Corporation, Digital Media Network Company

remarks - general: Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that TR is to be internal, so number changed from 33.917. remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	0	0	1		
draft	0	0	2		
draft	0	4	0		
draft	0	5	0		
draft	0	6	0		
draft	0	7	0		
S3-30	0	7	1		
draft	0	7	2		
draft	0	7	3		
S3-31	0	7	4		
S3-31	0	7	5		
SP-22	2004-01-05	1	0	0	SP-030588
S3-32	2004-02-02	1	1	0	
draft		1	1	1	
draft	2004-03-04	1	1	2	
SP-23	2004-03-22	2	0	0	SP-040169
SP-23	2004-03-22	6	0	0	
SP-26	2004-12-23	6	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 33 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.919 Generic Authentication Architecture (GAA); System description

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

ALCATEL BELL

WG (prime / other): S3 /  
rapporteur: VAN MOFFAERT, Annelies

G:

U: yes

MCC: POPE, Maurice

remarks - general: WI = SEC1-SC (UID 33002)

remarks - this release:

### history (event, available, version, comments, hyperlink):

S3-30	2003-10-20	0	0	1	<a href="#">get it</a>
S3-30	2003-11-03	0	1	0	<a href="#">get it</a>
S3-31	2003-11-27	0	2	0	<a href="#">get it</a>
SP-22	2004-01-05	1	0	0	SP-030582
S3-32		1	0	1	
S3-32	2004-02-20	1	2	0	<a href="#">get it</a>
SP-24	2004-05-04	1	2	1	SP-040365 (ex S3-33) aka v2.0.0
S3-34	2004-09-20	1	3	0	<a href="#">get it</a>
SP-25	2004-09-20	2	0	0	SP-040625, based on v1.3.0
draft	2004-07-27	2	1	0	unofficial rapporteur's draft, withdrawn
SP-25	2004-09-27	6	0	0	<a href="#">get it</a>
SP-26	2004-12-23	6	1	0	<a href="#">get it</a>

## TR 33.941

Rel-6  
Presence service; Security

current version: 0.6.0  
freeze\_meeting: SP-26

DRAFT

WG (prime / other): S3 / -  
rapporteur: BOMAN, Krister

MCC: POPE, Maurice

remarks - this release:

U: yes

G:

Telefon AB LM Ericsson

### history (event, available, version, comments, hyperlink):

S3-24		0	1	0	S3-020340
S3-25		0	2	0	S3-020507, S3-020508
S3-26		0	3	0	S3-020621, S3-020622
S3-27		0	4	0	S3-030022, S3-030070, S3-030068
S3-28	2003-07-08	0	5	0	S3-030246, S3-030248
S3-29	2003-10-13	0	6	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.978 Security aspects of early IMS

Rel-6  
current version: none  
freeze\_meeting: SP-26  
remarks - general: SP-26: created from 33.878.

WG (prime / other): S3 / -  
G: U: yes  
rapporteur: HOWARD, Peter  
MCC: POPE, Maurice  
VODAFONE Group Plc

remarks - this release:

*history (event, available, version, comments, hyperlink):*

## Rel-6 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

### TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-6  
current version: none  
freeze\_meeting: TP-26

remarks - general:

WG (prime / other): T1 / -  
G: U: yes

rapporteur: CHALABI, Nohman  
MCC: BAEV, Stoyan  
ANRITSU LTD

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

### TS 34.109 Terminal logical test interface, Special conformance testing functions

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

remarks - general:

TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
TSG#9: Stable, so txfered from T1 to R2.

WG (prime / other): R2 / T1  
G: U: yes

rapporteur: BERGGREN, Anders  
MCC: ARZELIER, Claude  
Ericsson Incorporated

remarks - this release:

*history (event, available, version, comments, hyperlink):*

RP-26 2004-12-23 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

WG (prime / other): T1 / -

G: U: yes

rappporteur: HIGUCHI, Kenji

MCC: BAEV, Stoyan

ADVANTEST Corporation

remarks - general:  
freeze\_meeting: TP-26  
freeze\_version: none  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

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## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

WG (prime / other): T1 / -

G: U: yes

rappporteur: MAUCKSCH, Thomas

MCC: BAEV, Stoyan

ROHDE & SCHWARZ GmbH & Co.KG

remarks - general:  
freeze\_meeting: TP-26  
freeze\_version: none  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

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## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

WG (prime / other): T1 / -

G: U: yes

rappporteur: SULTAN, Alain

MCC: BAEV, Stoyan

SOURCE COM

remarks - general:  
freeze\_meeting: TP-26  
freeze\_version: none  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-6  
current version: none  
freeze\_meeting: TP-26

G: U: yes

ETSI Secretariat

rapporteur: HU, Shicheng  
MCC: BAEV, Stoyan  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

Rel-6  
current version: none  
freeze\_meeting: TP-26

G: U: yes

rapporteur: HU, Shicheng  
MCC: BAEV, Stoyan  
ETSI Secretariat

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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## TS 34.124

### Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-6  
current version: 6.0.0  
freeze\_meeting: RP-26

G: U: yes

rapporteur: SOERENSEN, Ole  
MCC: GUTIERREZ MIGUELEZ, Cesar  
NOKIA Corporation

remarks - general: T1->R4@TSG#10  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 34 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.131

Rel-6

**Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API)**

*current version:* 6.0.1

*freeze\_meeting:* TP-26

*WG (prime / other):* T3 / -

*rporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes

MCC: THOMASEN, Gert

*remarks - general:* Base spec is 31.131.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

T3-13	0	1	0	
TP-17	2002-09-24	0	1	1 TP-020223
TP-17	2002-09-19	1	0	0
TP-19	2003-03-24	2	0	0 TP-030032
TP-19	2003-03-26	6	0	0
edito post TP-26	2005-01-31	6	0	1 history box correction

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## TS 34.171

Rel-6

**Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)**

*current version:* 1.0.0

*freeze\_meeting:* TP-26

*WG (prime / other):* T1 /

*rporteur:* CATMUR, Richard Spirent Communications

*MCC:* BAEV, Stoyan

G: U: yes

*remarks - general:*

*remarks - this release:* Initial intention: for info TP-26, approval TP-28.

*history (event, available, version, comments, hyperlink):*

TP-26	2004-12-03	1	0	0 TP-040240
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## TR 34.902

Rel-6

**Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests**

*current version:* none

*freeze\_meeting:* TP-26

*WG (prime / other):* T1 /

*rporteur:* ROSE, Ian

*MCC:* BAEV, Stoyan

Racal Instruments Wireless Solutions Limited

*remarks - general:* TP-21: Title changed from "Measurement uncertainty". Completion date: end

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

2004.

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TR 34.926** **Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* R4 / - *rappporteur:* FENN, John B Research in Motion UK Limited  
*freeze\_meeting:* RP-26 *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
*G:* U: yes

*history (event, available, version, comments, hyperlink):*  
RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## Rel-6 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.201** **Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *MCC:* G: POPE, Maurice  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 35.202** **Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *MCC:* G: POPE, Maurice  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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## TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S3 / -  
G: U: yes  
rapporporteur: WALKER, Michael  
MCC: POPE, Maurice  
VODAFONE Group Plc  
remarks - general: ex SAGE; supplied by ETSI under licence  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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---

## TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S3 / -  
G: U: yes  
rapporporteur: WALKER, Michael  
MCC: POPE, Maurice  
VODAFONE Group Plc  
remarks - general: ex SAGE; supplied by ETSI under licence  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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---

## TS 35.205 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document

Rel-6  
current version: 1: General  
WG (prime / other): S3 / -  
G: U: yes  
rapporporteur: WALKER, Michael  
VODAFONE Group Plc  
freeze\_meeting: SP-26  
MCC: POPE, Maurice  
remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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---

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series) ACTIVE specs Rel-6 35 .- series

---

**TS 35.206** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** **Document**  
Rel-6 *current version: 2: Algorithm specification* S3 /- WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26  
*remarks - general:* ex SAGE

G: U: yes

MCC: POPE, Maurice

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

**TS 35.207** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** **Document**  
Rel-6 *current version: 3: Implementors' test data* S3 /- WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26  
*remarks - general:* ex SAGE

G: U: yes

MCC: POPE, Maurice

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 35.208** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** **Document**  
Rel-6 *current version: 4: Design conformance test data* S3 /- WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26  
*remarks - general:* ex SAGE

G: U: yes

MCC: POPE, Maurice

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

TR 35.909 3G Security; Specification of the MILENAGE algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document  
Rel-6 current version: 5: Summary and results of design and evaluation 6.0.0WG (prime / other): S3 /- WALKER, Michael  
VODAFONE Group Plc rapporteur:

freeze\_meeting: SP-26 G: U: yes MCC: POPE, Maurice  
remarks - general: ex SAGE remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## Rel-6 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0  
Rel-6 current version: 6.0.0 WG (prime / other): S3 /- rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new  
freeze\_meeting: SP-26 G: yes U: MCC: POPE, Maurice One  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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## TR 41.033 Lawful Interception requirements for GSM

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / -  
G: yes U: MCKIBBEN, Bernie  
MOTOROLA GmbH

rapporteur:  
MCC: POPE, Maurice

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): SP /  
G: yes U: MEREDITH, John M  
ETSI Secretariat

rapporteur:  
MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0

[get it](#)

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## Rel-6 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

## TS 42.033 Lawful Interception: Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 /  
G: yes U: MCKIBBEN, Bernie  
MOTOROLA GmbH

rapporteur:  
MCC: POPE, Maurice

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze

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---

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Was 22.043 at Rel99.

WG (prime / other): S1 /  
G: yes U:  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: POIRAUD, Patrick  
MCC: CLAYTON, Michael  
ALCATEL S.A.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-27 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U: rapporteur: CLAYTON, Michael  
EMCOM Ltd  
MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-27 6 . 0 . 0

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## Rel-6 43 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.005 Technical performance objectives

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): NP / -  
G: yes U: rapporteur: BOSWARTHICK, David  
ETSI Secretariat  
MCC: BOSWARTHICK, David

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N3 / -  
G: yes U: rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.  
MCC: HAN, Seung Don

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):  
NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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**TS 43.013 Discontinuous Reception (DRX) in the GSM system**

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.

G: yes U: USAI, Paolino

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0

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---

**TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2**

Rel-6  
current version: 6.0.0  
freeze\_meeting: TP-26

remarks - general: For test spec, see 51.013.

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian Axalto S.A.

G: yes U: THOMASEN, Gert

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 43.020 Security-related network functions**

Rel-6  
current version: 6.1.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / NP / rapporteur: GILBERT, Henri France Telecom

G: yes U: GP POPE, Maurice FTR&D/DTL/SSR

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-25 2004-09-27 6 . 0 . 0 many invalid references

SP-26 2004-12-23 6 . 1 . 0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series) ACTIVE specs Rel-6 43 - series

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## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

WG (prime / other):

G: yes U:

G1 / N1

rappporteur: HOWELL, Andrew  
MCC: USAI, Paolino

MOTOROLA Ltd

remarks - this release:

remarks - general: Moved from SMG3 Jan 2000.

history (event, available, version, comments, hyperlink):

GP-12 2003-01-03 6 . 0 . 0  
GP-22 2004-12-02 6 . 1 . 0  
GP-23 2005-02-11 6 . 2 . 0

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[get it](#)  
[get it](#)

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## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

WG (prime / other):

G: yes U:

G1 / NP

rappporteur: ANDERSEN, Niels Peter  
MCC: Skov  
USAI, Paolino

QUALCOMM EUROPE S.A.R.L.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0

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## TR 43.030 Radio network planning aspects

WG (prime / other):

G: yes U:

G1 / -

rappporteur: TEGTH, Ulf  
MCC: USAI, Paolino

TeliaSonera AB

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.033 3G security; Lawful Interception; Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S3 / -  
G: yes U: rapporteur: MCKIBBEN, Bernie  
MCC: POPE, Maurice

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-10 6 . 0 . 0 Upgrade on Rel-6 freeze

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## TS 43.045 Technical Realization of Facsimile Group 3 Service - transparent

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N3 / -  
G: yes U: rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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---

## TS 43.050

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system

WG (prime / other): S4 / -  
G: yes U: rapporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

## TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

Rel-6 WG (prime / other): G1 / - rapporteur: SÉBIRE, Guillaume NOKIA Corporation

current version: 6.0.0  
freeze\_meeting: GP-23  
MCC: USAI, Paolino

remarks - general: Originally created as 03.51r00

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-17 2003-12-05 6 . 0 . 0 [get it](#)

---

## TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

Rel-6 WG (prime / other): G1 / - rapporteur: GIRAUD, Alexis ALCATEL S.A.

current version: 6.0.0  
freeze\_meeting: GP-23  
MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-6 current version: 6.8.0

freeze\_meeting: GP-23

WG (prime / other): G1 / G2 rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc

Jose Luis

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-13	2003-02-21	6	.	0	.	0
GP-14	2003-04-25	6	.	1	.	0
GP-16	2003-09-12	6	.	2	.	0
GP-17	2003-12-05	6	.	3	.	0
GP-18	2004-02-20	6	.	4	.	0
GP-20	2004-07-09	6	.	5	.	0
GP-21	2004-09-20	6	.	6	.	0
GP-22	2004-12-02	6	.	7	.	0
GP-23	2005-02-11	6	.	8	.	0

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## TR 43.058

Rel-6 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S4 / -

MCC:

rappporteur: MONFORT, Jean-Yves France Telecom

USAI, Paolino

G: yes U:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):

SP-26	2005-01-06	6	.	0	.	0
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 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-6 current version: 6.4.0 WG (prime / other): G1 / - rapporteur: LIVINGSTON, Margaret NOKIA Corporation  
freeze\_meeting: GP-23 G: yes U: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-14	2003-04-25	6	.	0	.	0
GP-15	2003-07-11	6	.	1	.	0
GP-17	2003-12-05	6	.	2	.	0
GP-19	2004-05-06	6	.	3	.	0
GP-22	2004-12-02	6	.	4	.	0

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## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

Rel-6 current version: 6.5.0 WG (prime / other): G1 / - rapporteur: LEPPISAARI, Aito NOKIA Corporation  
freeze\_meeting: GP-23 G: yes U: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-15	2003-07-11	6	.	0	.	0
GP-16	2003-09-12	6	.	1	.	0
GP-19	2004-05-06	6	.	2	.	0
GP-20	2004-07-09	6	.	3	.	0
GP-21	2004-09-20	6	.	4	.	0
GP-22	2004-12-02	6	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-6  
current version: 6.3.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G: yes U: JURISIC, Andrijana Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-21 2003-10-08 6 . 0 . 0  
NP-24 2004-06-21 6 . 1 . 0  
NP-25 2004-09-27 6 . 2 . 0  
NP-26 2005-01-07 6 . 3 . 0

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## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-6  
current version: 6.1.0  
freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G: yes U: JURISIC, Andrijana Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-25 2004-09-27 6 . 0 . 0  
NP-26 2005-01-07 6 . 1 . 0

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## TS 43.073 Support of Localised Service Area (SoLSA), Stage 2

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

remarks - general:

SP-16: derived from 23.073 on reversion to GERAN-only service.

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo  
G: yes U: KYMALAINEN, Kimmo TeliaSonera AB

MCC:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 43 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.129 Packed-switched handover for GERAN A/Gb mode; Stage 2

Rel-6 current version: 6.1.0  
freeze\_meeting: GP-23  
remarks - general: WI UID = 51136. 2005-02-04: G2->G1.

WG (prime / other): G1 / -

rappporteur: HEDBY, Gunnar

Telefon AB LM Ericsson

G: yes U:

USAI, Paolino

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-17	0	.	1	.	0	
GP-18	0	.	2	.	0	
G2-18b	2004-03-22	0	.	3	.	0
G2-19	2004-04-16	0	.	4	.	0
G2-19b	2004-06-14	0	.	5	.	0
GP-20	2004-07-07	0	.	6	.	0
G2-21	2004-09-20	0	.	7	.	0
GP-22 ex G2-21b	2004-10-21	0	.	8	.	0
GP-22	2004-12-02	6	.	0	.	0
GP-23	2005-02-11	6	.	1	.	0

[get it](#)

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## TS 43.130 lur-g interface; Stage 2

Rel-6 current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G1 / -

rappporteur: CARRIZO MARTINEZ,

Jose Luis

VODAFONE Group Plc

G: yes U:

USAI, Paolino

MCC:

remarks - general: Created identical to last version of 43.930. Also moved from G2 to G1. remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

GP-23	2005-02-11	6	.	0	.	0
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series) ACTIVE specs Rel-6 43 .- series

**TS 43.246** **Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2** / **PROVEDI, Leonardo** / **rapporteur:** **PROVEDI, Leonardo** / **ROKE MANOR RESEARCH LTD**  
Rel-6 *current version:* 6.2.0 / **USAI, Paolino** / **MCC:**  
*freeze\_meeting:* GP-23 / **remarks - this release:**  
*remarks - general:* 2003-05: G2 chair indicates that no separate stage 3 will be required, just **U**; 2004-11-08: G2->G1

## history (event, available, version, comments, hyperlink):

GP-13	0	. 1	. 0	GP-030181	
GP-13b	0	. 2	. 0	G2-030227	
GP-14	0	. 2	. 1	GP-030726	Formal TS number allocated <a href="#">get it</a>
				on upload	
draft	2003-06-17	0	. 4	. 1	<a href="#">get it</a>
GP-15	0	. 5	. 0	GP-031108	
draft	2003-07-21	0	. 6	. 0	GP-031881 <a href="#">get it</a>
G2-16b	0	. 7	. 0	G2-030475	
GP-17	0	. 8	. 0	GP-032510	
G2-17b	0	. 9	. 0	G2-040118	
GP-18	0	. 10	. 0	GP-040185	
G2-18b	0	. 10	. 1	G2-040201	
GP-19	0	. 11	. 0	GP-040704	
GP-19	0	. 12	. 0	GP-041151	
G2-19b	0	. 13	. 0	G2-040364	
GP-20	2004-07-23	0	. 14	. 0	GP-041361 <a href="#">get it</a>
GP-21	2004-08-31	0	. 15	. 0	GP-042241 <a href="#">get it</a>
GP-21	2004-09-20	6	. 0	. 0	<a href="#">get it</a>
GP-22	2004-12-02	6	. 1	. 0	<a href="#">get it</a>
GP-23	2005-02-11	6	. 2	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.318 Generic access to the A/Gb interface; Stage 2

Rel-6

Telefon AB LM Ericsson

VIKBERG, Jari  
USAI, Paolino

rappporteur:  
MCC:

G1 / -

WG (prime / other):  
G: yes U:

remarks - general: Stage 1 is the common GERAN stage 1: no new requirements, just different access architecture. *remarks - this release: .*

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0 Approved, but apparently for Rel-6 despite it being a Rel-7 WI. (See Rel-7 record for development history.) [get it](#)

---

## TR 43.901 Feasibility Study on generic access to A/Gb interface

Rel-6

MOTOROLA Ltd

KUCHIBHOTLA, Ravi  
USAI, Paolino

rappporteur:  
MCC:

G1 / -

WG (prime / other):  
G: yes U:

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

GP-21 2004-09-20 2 . 1 . 0 GP-042290 [get it](#)  
GP-21 2004-09-22 6 . 0 . 0 (invalid pirate version seen at SP-25) [get it](#)

---

Rel-6 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

## TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

WG (prime / other): N1 / -

rappporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: NP-26

MCC: JURISIC, Andrijana

G: yes U:

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

WG (prime / other): G2 / -

rappporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-23

MCC: THOMASEN, Gert

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-15 2003-07-10 6 . 0 . 0

GP-22 2004-11-29 6 . 1 . 0

[get it](#)

[get it](#)

---

## TS 44.004 Layer 1 - General Requirements

WG (prime / other): G2 / -

rappporteur: ISAACS, Ken SIEMENS AG

freeze\_meeting: GP-23

MCC: THOMASEN, Gert

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-17 2003-12-05 6 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series) ACTIVE specs Rel-6 44 .- series

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## TS 44.005 Data Link (DL) Layer General Aspects

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G2 / -

rappporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-18 2004-02-23 6 . 0 . 0

[get it](#)

---

## TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G2 / -

rappporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-18 2004-02-23 6 . 0 . 0

[get it](#)

---

## TS 44.012 Short Message Service Cell Broadcast (SMS-CB) support on the mobile radio interface

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G2 / N2

rappporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general: Rel-4 onwards. (Rel-99 was 24.012)

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N1 / - rapporteur: DAVES, Peter

G: yes U: JURISIC, Andrijana

VODAFONE LTD

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 44.014

Rel-6

current version: 6.1.0  
freeze\_meeting: GP-23

Individual equipment type requirements and interworking: Special conformance testing functions

WG (prime / other): G2 / - rapporteur: HOWELL, Andrew

G: yes U: THOMASEN, Gert

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-16 2003-09-12 6 . 0 . 0  
GP-20 2004-07-23 6 . 1 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-6  
current version: 6.11.0  
freeze\_meeting: GP-23

reporteur: HOWELL, Andrew  
MCC: THOMASEN, Get

WG (prime / other): G2 / -

MOTOROLA Ltd

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-12	2002-12-17	6	.	0	.	0	
GP-13	2003-02-21	6	.	1	.	0	
GP-14	2003-04-28	6	.	2	.	0	
GP-15	2003-07-10	6	.	3	.	0	
GP-16	2003-09-12	6	.	4	.	0	problem with ToC
Fix ToC	2003-09-26	6	.	4	.	1	
GP-17	2003-12-05	6	.	5	.	0	
GP-18	2004-02-23	6	.	6	.	0	
GP-19	2004-05-06	6	.	7	.	0	
GP-20	2004-07-23	6	.	8	.	0	
GP-21	2004-09-04	6	.	9	.	0	
GP-22	2004-11-29	6	.	10	.	0	
edto post	GP-22	2005-01-13	6	.	10	.	1 fixes wrong styles
GP-23	2005-02-11	6	.	11	.	0	

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## TS 44.021

Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Rel-6  
current version: 6.0.0  
freeze\_meeting: NP-26

WG (prime / other): N3 / -

NOKIA Corporation

reporteur: RÄSÄNEN, Juha  
MCC: HAN, Seung Don

G: yes U:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.031

Rel-6 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)

current version: 6.7.0

freeze\_meeting: GP-23

WG (prime / other): G2 / -

rapporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

Server location: Nortel Networks (USA)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-15	2003-07-10	6	.	0	.	0
GP-16	2003-09-12	6	.	1	.	0
GP-18	2004-02-23	6	.	2	.	0
GP-19	2004-05-06	6	.	3	.	0
GP-20	2004-07-23	6	.	4	.	0
GP-21	2004-09-04	6	.	5	.	0
GP-22	2004-11-29	6	.	6	.	0
GP-23	2005-02-11	6	.	7	.	0

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## TS 44.035

Rel-6 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

current version: 6.0.0

freeze\_meeting: GP-23

WG (prime / other): G2 / -

rapporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

Server location: Nortel Networks (USA)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-23	2005-02-14	6	.	0	.	0
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

WG (prime / other): N1 / -

current version: 6.0.0

freeze\_meeting: NP-26

G: yes U:

rapporteur: HUPPERICH, Peter

MCC: JURISIC, Andrijana

ALCATEL S.A.

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

WG (prime / other): N1 / -

current version: 6.0.0

freeze\_meeting: NP-26

G: yes U:

rapporteur: HUPPERICH, Peter

MCC: JURISIC, Andrijana

ALCATEL S.A.

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

Rel-6 current version: 6.11.1

freeze\_meeting: GP-23

remarks - general: General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

WG (prime / other): G2 /  
G: yes U:  
rapporteur: HOWELL, Andrew  
MCC: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-12	2002-12-17	6	.	0	.	0	
GP-13	2003-02-21	6	.	1	.	0	
GP-14	2003-04-29	6	.	2	.	0	
GP-15	2003-07-10	6	.	3	.	0	
GP-16	2003-09-13	6	.	4	.	0	
GP-17	2003-12-05	6	.	5	.	0	
GP-18	2004-02-23	6	.	6	.	0	
GP-19	2004-05-06	6	.	7	.	0	
GP-20	2004-07-23	6	.	8	.	0	
GP-21	2004-09-04	6	.	9	.	0	
GP-22	2004-11-29	6	.	10	.	0	
GP-23	2005-02-11	6	.	11	.	0	
edito post	GP-23	2005-02-22	6	.	11	.	1

## TS 44.064

Rel-6 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

current version: 6.0.1

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N1 / -

G: yes U:

rapporteur: DOIG, Ian

MCC: JURISIC, Andrijana

MOTOROLA S.A.S

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-26	2005-01-07	6	.	0	.	0	
edito post	NP-26	2005-01-11	6	.	0	.	1

fixes Word problem

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

Rel-6 MOTOROLA S.A.S

WG (prime / other): N1 / -

rappporteur: DOJG, Ian

freeze\_meeting: NP-26

MCC:

JURISIC, Andrijana

remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-20	2003-07-03	6	.	0	.	0
NP-21	2003-10-10	6	.	1	.	0
NP-22	2004-01-08	6	.	2	.	0
NP-25	2004-09-27	6	.	3	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 44.068 Group Call Control (GCC) Protocol

Rel-6 Nortel Networks (USA)

WG (prime / other): N1 / -

rappporteur: GARAPATY, Sonia

MCC:

JURISIC, Andrijana

freeze\_meeting: NP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-22	2004-01-08	6	.	0	.	0
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[get it](#)

---

## TS 44.069 Broadcast Call Control (BCC) protocol

Rel-6 Nortel Networks (USA)

WG (prime / other): N1 / -

rappporteur: GARAPATY, Sonia

MCC:

JURISIC, Andrijana

freeze\_meeting: NP-26

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-07	6	.	0	.	0
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[get it](#)

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 6.0.0

freeze\_meeting: GP-23

G: yes U:

MCC:

THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

---

## TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode

WG (prime / other): G2 / rapporteur: VIRTEJ, Iuliana NOKIA Corporation

current version: 6.3.0

freeze\_meeting: GP-23

G: yes U:

MCC:

THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-17 2003-12-05 6 . 0 . 0

GP-18 2004-02-23 6 . 1 . 0

GP-19 2004-05-06 6 . 2 . 0

GP-20 2004-07-23 6 . 3 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

**TS 44.160** **General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode**  
Rel-6  
current version: 6.5.0  
freeze\_meeting: GP-23  
WG (prime / other): G2 /  
rapporteur: N, A  
MCC: THOMASEN, Gert  
G: yes U:  
remarks - general: Created GP-08; see GP-020483. 2002-07-18: G1->G2.  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-15	2003-07-10	6	.	0	.	0
GP-16	2003-09-13	6	.	1	.	0
GP-17	2003-12-05	6	.	2	.	0
GP-18	2004-02-23	6	.	3	.	0
GP-19	2004-05-06	6	.	4	.	0
GP-20	2004-07-23	6	.	5	.	0

[get it](#)  
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**TS 44.318** **Generic access to the A/Gb interface; Stage 3**

Rel-6  
current version: none  
freeze\_meeting:

remarks - general: Stage 2 is 43.318.

WG (prime / other): G2 / -  
G: yes U:  
rapporteur: VIKBERG, Jari  
MCC: THOMASEN, Gert  
Telefon AB LM Ericsson

remarks - this release: GP-23: Was originally Rel-7 but stage 2 approved as Rel-6 so this changed too.

history (event, available, version, comments, hyperlink):

**TR 44.901** **External Network Assisted Cell Change (NACC)**

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

remarks - general: 2003-07-03 (JMM): WI UID 23011?. See also 25.901.

WG (prime / other): G2 / -  
G: yes U:  
rapporteur: BACKLUND, Ingemar  
MCC: THOMASEN, Gert  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-23	2005-02-14	6	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TR 44.933 Seamless support of streaming services in GERAN A/Gb mode

Rel-6 DRAFT

current version: 1.3.0

freeze\_meeting: GP-23

remarks - general: Work item = SSSStrea.

WG (prime / other): G2 / -

rporteur: GESSNER, Christina

MCC: THOMASEN, Gert

SIEMENS AG

G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-12	0	1	0	
G2-12b	0	2	0	
GP-13	0	3	0	
GP-14	0	4	0	GP-030654
G2-14b	0	5	0	(TR number not shown on doc)
draft	2003-06-17	0	6	0
GP-15	2003-07-15	1	1	0
GP-16	2003-09-10	1	2	0
Update of section	2003-09-12	1	3	0
6.5.3				

## Rel-6 45 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.001 Physical layer on the radio path; General description

Rel-6 current version: 6.5.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

rporteur: JOKINEN, Harri

MCC: USAI, Paolino

NOKIA MOBILE PHONES

G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-12	2003-01-03	6	0	0
GP-14	2003-04-25	6	1	0
GP-17	2003-12-05	6	2	0
GP-18	2004-02-20	6	3	0
GP-20	2004-07-09	6	4	0
GP-22	2004-12-02	6	5	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.002 Multiplexing and multiple access on the radio path

Rel-6 current version: 6.8.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

rappporteur: SEBIRE, Benoist  
USAI, Paolino

NOKIA Corporation

G: yes U:

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-13	2003-02-21	6	.	0	.	0
GP-14	2003-04-25	6	.	1	.	0
GP-15	2003-07-11	6	.	2	.	0
GP-16	2003-09-12	6	.	3	.	0
GP-17	2003-12-05	6	.	4	.	0
GP-18	2004-02-20	6	.	5	.	0
GP-19	2004-05-06	6	.	6	.	0
GP-22	2004-12-02	6	.	7	.	0
GP-23	2005-02-11	6	.	8	.	0

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## TS 45.003 Channel coding

Rel-6 current version: 6.7.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

rappporteur: SEBIRE, Benoist  
USAI, Paolino

NOKIA Corporation

G: yes U:

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-16	2003-09-12	6	.	0	.	0
GP-17	2003-12-05	6	.	1	.	0
GP-18	2004-02-20	6	.	2	.	0
GP-19	2004-05-06	6	.	3	.	0
GP-20	2004-07-09	6	.	4	.	0
GP-21	2004-09-22	6	.	5	.	0
GP-22	2004-12-02	6	.	6	.	0
GP-23	2005-02-11	6	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.004

### Modulation

current version: 6.0.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

G: yes U:

rappporteur: SEBIRE, Benoit

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0

[get it](#)

## TS 45.005

### Radio transmission and reception

current version: 6.8.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

G: yes U:

Telefon AB LM Ericsson

SAMUELSSON, Mats

MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-12 2003-01-03 6 . 0 . 0

GP-13 2003-02-21 6 . 1 . 0

GP-14 2003-04-25 6 . 2 . 0

GP-16 2003-09-12 6 . 3 . 0

GP-18 2004-02-20 6 . 4 . 0

GP-19 2004-05-06 6 . 5 . 0

GP-20 2004-07-09 6 . 6 . 0

GP-22 2004-12-02 6 . 7 . 0

GP-23 2005-02-11 6 . 8 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.008 Radio subsystem link control

Rel-6 current version: 6.11.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U: USAI, Paolino

VODAFONE Group Plc

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-12	2003-01-03	6	.	0	.	0
GP-13	2003-02-21	6	.	1	.	0
GP-14	2003-04-25	6	.	2	.	0
GP-15	2003-07-11	6	.	3	.	0
GP-16	2003-09-12	6	.	4	.	0
GP-17	2003-12-05	6	.	5	.	0
GP-18	2004-02-20	6	.	6	.	0
GP-19	2004-05-06	6	.	7	.	0
GP-20	2004-07-09	6	.	8	.	0
GP-21	2004-09-22	6	.	9	.	0
GP-22	2004-12-02	6	.	10	.	0
GP-23	2005-02-11	6	.	11	.	0

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## TS 45.009 Link adaptation

Rel-6 current version: 6.1.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter

G: yes U: Skov  
USAI, Paolino

QUALCOMM EUROPE S.A.R.L.

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-17	2003-12-05	6	.	0	.	0
GP-18	2004-02-20	6	.	1	.	0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.010 Radio subsystem synchronization

Rel-6  
current version: 6.4.0  
freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -  
G: yes U: JOKINEN, Harri  
USAI, Paolino

rappporteur:  
MCC: NOKIA MOBILE PHONES

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-14	2003-04-25	6 . 0 . 0	<a href="#">get it</a>
GP-15	2003-07-11	6 . 1 . 0	<a href="#">get it</a>
GP-16	2003-09-12	6 . 2 . 0	<a href="#">get it</a>
GP-22	2004-12-02	6 . 3 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 4 . 0	<a href="#">get it</a>

## TS 45.015

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

remarks - general:

### Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

WG (prime / other): G1 / -  
G: yes U: ESCULIER, Carole  
USAI, Paolino

rappporteur:  
MCC: NORTEL NETWORKS (EUROPE)

remarks - this release: GP-21: GP-041928 contains independent drafts for R99, Rel-4 and Rel-5 (!)

history (event, available, version, comments, hyperlink):

GP-23	2005-02-11	6 . 0 . 0	<a href="#">get it</a>
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## TR 45.022 Radio link management in hierarchical networks

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -  
G: yes U: VAN BUSSEL, Han  
USAI, Paolino

rappporteur:  
MCC: T-Mobile International AG

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

GP-23	2005-02-11	6 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TR 45.050 Background for RF Requirements

Rel-6  
current version: 6.2.1  
freeze\_meeting: GP-23

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov  
USAI, Paolino

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-12 2003-01-03 6 . 0 . 0  
GP-22 2004-12-02 6 . 1 . 0  
GP-23 2005-02-11 6 . 2 . 0  
GP-23 6 . 2 . 1 Make fig 7 in annex G visible

[get it](#)  
[get it](#)  
[get it](#)

## TS 45.056 CTS-FP Radio Sub-system

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G1 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.

G: yes U: USAI, Paolino

MCC:  
remarks - this release:

Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0

[get it](#)

## TR 45.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G1 / rapporteur: GROSS, Robert TruePosition Inc.

G: yes U: USAI, Paolino

MCC:  
remarks - this release:

Renumbered from 41.811.

remarks - general:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 6 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 45 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TR 45.902 Flexible Layer One (FLO)

Rel-6 current version: 6.8.0

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoit

USAI, Paolino

NOKIA Corporation

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	0	0	
GP-12	2002-11-26	0	3	0	GP-023427
GP-13	2003-02-13	0	4	0	GP 030193
GP-13	2003-02-13	1	0	0	
GP-14	2003-04-25	6	0	0	<a href="#">get it</a>
GP-15	2003-07-11	6	1	0	<a href="#">get it</a>
GP-16	2003-09-12	6	2	0	<a href="#">get it</a>
GP-17	2003-12-05	6	3	0	<a href="#">get it</a>
GP-18	2004-02-20	6	4	0	<a href="#">get it</a>
GP-19	2004-05-06	6	5	0	<a href="#">get it</a>
GP-20	2004-07-09	6	6	0	<a href="#">get it</a>
GP-22	2004-12-02	6	7	0	<a href="#">get it</a>
GP-23	2005-02-11	6	8	0	<a href="#">get it</a>

## TR 45.903

Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks

Rel-6 current version: 6.0.1

freeze\_meeting: GP-23

remarks - general:

WG (prime / other): G1 / -

rapporteur: GRANT, Marc

USAI, Paolino

Cingular Wireless LLC

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-21	2004-08-31	0	0	0	GP-041932 (bears no version number, but <a href="#">get it</a> is evidently not the first draft)
GP-21	2004-09-20	2	0	0	<a href="#">get it</a>
GP-21	2004-09-28	6	0	0	<a href="#">get it</a>
GP-22	2004-12-02	6	0	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

Rel-6 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

## TS 46.001 Full rate speech; Processing functions

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 46.002 Half rate speech; Half rate speech processing functions

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
MOTOROLA Ltd

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

## TS 46.006 Half-rate speech; ANSI-C code for GSM half-rate speech codec

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
MOTOROLA Ltd

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TS 46.007 Half rate speech; Test sequences for the GSM half rate speech codec

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -  
G: yes U: rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -  
G: yes U: rapporteur: SALEM, Tarek  
MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.010 Full-rate speech; Transcoding

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -  
G: yes U: rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TS 46.011 Full rate speech; Substitution and muting of lost frames for full rate speech channels

Rel-6 WG (prime / other): S4 / - rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
current version: 6.0.0 MCC: USAI, Paolino  
freeze\_meeting: SP-26  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.012 Full rate speech; Comfort noise aspect for full rate speech traffic channels

Rel-6 WG (prime / other): S4 / - rapporteur: SERENO, Daniele TELECOM ITALIA S.p.A.  
current version: 6.0.0 MCC: USAI, Paolino  
freeze\_meeting: SP-26  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.020 Half rate speech; Half rate speech transcoding

Rel-6 WG (prime / other): S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
current version: 6.0.0 MCC: USAI, Paolino  
freeze\_meeting: SP-26  
remarks - general: remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: AFTELAK, Steve

MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.022 Half rate speech; Comfort noise aspects for the half rate speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: AFTELAK, Steve

MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.031 Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.032 Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S4 / -  
rapporteur: BARRETT, Paul  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new One

### remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 46.041 Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S4 / -  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

### remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 46.042 Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26  
WG (prime / other): S4 / -  
rapporteur: BARRETT, Paul  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new One

### remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

### history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TS 46.051 Enhanced Full Rate (EFR) speech processing functions; General description

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 46.053 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.054 Test sequences for the GSM Enhanced Full Rate (EFR) speech codec

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TR 46.055 Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec

WG (prime / other): S4 / - rapporteur: SALEM, Tarek T-MOBILE DEUTSCHLAND

current version: 6.0.0  
freeze\_meeting: SP-26

G: yes U:

remarks - general:  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 46.060 Enhanced Full Rate (EFR) speech transcoding

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari NOKIA Corporation

current version: 6.0.0  
freeze\_meeting: SP-26

G: yes U:

remarks - general:  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 46.061 Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari NOKIA Corporation

current version: 6.0.0  
freeze\_meeting: SP-26

G: yes U:

remarks - general:  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -  
G: yes U:

current version: 6.0.0  
freeze\_meeting: SP-26

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report

WG (prime / other): S4 / -  
G: yes U:

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 46.081 Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -  
G: yes U:

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.082 Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -  
G: yes U:

rappporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

remarks - general:  
NOKIA Corporation  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TR 46.085

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / -  
G: yes U:

rappporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - general:  
TELECOM ITALIA S.p.A.  
remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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Rel-6 **48** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-6 48 .- series

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## TS 48.001 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-23

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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## TS 48.002 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-23

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

---

## TS 48.004 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-23

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.006** **Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
MCC: THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
G: yes U:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-20 2004-07-23 6 . 0 . 0 [get it](#)

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**TS 48.008** **Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-6  
current version: 6.8.0  
freeze\_meeting: GP-23  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
MCC: THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
G: yes U:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-12 2002-12-17 6 . 0 . 0 [get it](#)  
GP-13 2003-02-21 6 . 1 . 0 [get it](#)  
GP-15 2003-07-10 6 . 2 . 0 [get it](#)  
GP-16 2003-09-12 6 . 3 . 0 [get it](#)  
GP-17 2003-12-05 6 . 4 . 0 [get it](#)  
GP-19 2004-05-06 6 . 5 . 0 [get it](#)  
GP-20 2004-07-23 6 . 6 . 0 [get it](#)  
GP-22 2004-11-29 6 . 7 . 0 [get it](#)  
GP-23 2005-02-11 6 . 8 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.014** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1**  
Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23

remarks - general:

G: yes U:

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TS 48.016** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
Rel-6  
current version: 6.2.0  
freeze\_meeting: GP-23

remarks - general:

G: yes U:

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-21 2004-09-04 6 . 0 . 0 [get it](#)  
GP-22 2004-11-29 6 . 1 . 0 [get it](#)  
GP-23 2005-02-11 6 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.018 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol

WG (prime / other): G2 / - rapporteur: BLACK, Jyoti

G: yes U: THOMASEN, Gert

remarks - general: *remarks - this release:*

history (event, available, version, comments, hyperlink):

GP-13	2003-02-21	6	.	0	.	0
GP-14	2003-04-29	6	.	1	.	0
GP-15	2003-07-10	6	.	2	.	0
GP-17	2003-12-05	6	.	3	.	0
GP-18	2004-02-23	6	.	4	.	0
GP-19	2004-05-06	6	.	5	.	0
GP-22	2004-11-29	6	.	6	.	0
GP-23	2005-02-11	6	.	7	.	0

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## TS 48.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha

G: yes U: HAN, Seung Don

remarks - general: *remarks - this release:*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-6 48 .- series

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**TS 48.031** Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification  
Rel-6 current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov THOMASEN, Gert

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TS 48.051** Base Station Controller - Base Transceiver Station (BSC-BTS) interface; General aspects  
Rel-6 current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov THOMASEN, Gert

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

---

**TS 48.052** Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles  
Rel-6 current version: 6.0.0  
freeze\_meeting: GP-23

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov THOMASEN, Gert

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-6 48 .- series

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## TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-6  
current version: 6.0.0  
freeze\_meeting: GP-23  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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## TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Rel-6  
current version: 6.1.0  
freeze\_meeting: GP-23  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-16 2003-09-12 6 . 0 . 0

GP-23 2005-02-11 6 . 1 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels

WG (prime / other): G1 / -

rappporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 6.0.0

freeze\_meeting: GP-23

G: yes U:

MCC:

USAI, Paolino

remarks - general: 2002-01+30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release: Rel-6 record created on freezing the Release, December 2004.  
> G1.

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0 [get it](#)

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## TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels

WG (prime / other): G1 / NP

rappporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 6.0.0

freeze\_meeting: GP-23

G: yes U:

MCC:

USAI, Paolino

remarks - general: 2002-01+30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release: Rel-6 record created on freezing the Release, December 2004.  
> G1.

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

## TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification

Rel-6 current version: 6.7.0 freeze\_meeting: GP-23

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U: MCC: THOMASEN, Gert

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-14	2003-04-29	6	.	0	.	0		<a href="#">get it</a>
GP-15	2003-07-10	6	.	1	.	0		<a href="#">get it</a>
GP-16	2003-09-12	6	.	2	.	0		<a href="#">get it</a>
GP-17	2003-12-05	6	.	3	.	0		<a href="#">get it</a>
GP-18	2004-02-23	6	.	4	.	0		<a href="#">get it</a>
GP-19	2004-05-06	6	.	5	.	0		<a href="#">get it</a>
GP-20	2004-07-23	6	.	6	.	0		<a href="#">get it</a>
GP-22	2004-11-29	6	.	7	.	0		<a href="#">get it</a>

## Rel-6 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

### TR 49.001 General network interworking scenarios

Rel-6 current version: 6.0.1

freeze\_meeting: NP-26

remarks - general:

WG (prime / other): N4 / -

rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

MCC: KYMALAINEN, Kimmo

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
edito post NP-26	2005-01-11	6	.	0	.	1	Change cover page: TS -> TR	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-6 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

WG (prime / other): N1 / -

rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated

current version: 6.0.0

freeze\_meeting: NP-26

G: yes U:

MCC: JURISIC, Andrijana

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

remarks - general:

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 6.4.0

freeze\_meeting: GP-23

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-15 2003-07-10 6 . 0 . 0

GP-17 2003-12-05 6 . 1 . 0

GP-18 2004-02-23 6 . 2 . 0

GP-19 2004-05-06 6 . 3 . 0

GP-22 2004-11-29 6 . 4 . 0

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Rel-6 **50** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

**TR 50.099** **GERAN project plan and open issues** DRAFT  
Rel-6 *current version:* 0.43.0  
*freeze\_meeting:* GP-23  
*remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down.  
Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

*WG (prime / other):* GP / - *rappporteur:* GRANT, Marc  
G:yes U: USAI, Paolino  
*MCC:*

*remarks - this release:* 2003-01-14: Rel-5 frozen, so migrated to Rel-6.

Cingular Wireless LLC

## *history (event, available, version, comments, hyperlink):*

draft 2002-03-20 0 . 1 . 6 ex-Rel-5. [get it](#)  
GP-19 0 . 3 . 8 GP-041052  
GP-19 0 . 3 . 9 GP-041221  
GP-20 0 . 4 . 0 GP-01740  
GP-21 0 . 4 . 1  
GP-22 2004-11-30 0 . 4 . 6 GP-042836 [get it](#)  
GP-23 0 . 43 . 0 GP-050558 - drafts no longer stored in  
Specs directory due to confusion over  
version numbering; see TSG tdoc.

## Rel-6 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

**TS 51.010-1** **Mobile Station (MS) conformance specification; Part 1: Conformance specification**

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* GP-23

*WG (prime / other):*

G3new/ S1 / *rappporteur:* HU, Shicheng ETSI Secretariat  
NP /  
T2 /  
SCP

G:yes U:

*MCC:* BAEV, Stoyan

*remarks - this release:*

*remarks - general:* 2001-11-19: G4->G5.

## *history (event, available, version, comments, hyperlink):*

GP-22 2004-11-29 6 . 0 . 0 [get it](#)  
GP-22 2004-12-02 6 . 0 . 1 corrects error in headers [get it](#)  
GP-23 2005-02-17 6 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

**TS 51.010-2** Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification  
Rel-6 current version: 6.1.0 NP / T2 / SCP  
freeze\_meeting: GP-23 HU, Shicheng ETSI Secretariat

remarks - general: 2001-11-19: G4->G5. G: yes U: BAEV, Stoyan  
MCC: BAEV, Stoyan  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-22 2004-11-29 6 . 0 . 0 [get it](#)  
GP-23 2005-02-17 6 . 1 . 0 [get it](#)

---

**TS 51.010-3** Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)  
Rel-6 current version: 6.1.0 NP / T2 / SCP HU, Shicheng ETSI Secretariat  
freeze\_meeting: GP-23

remarks - general: 2001-11-19: G4->G5. G: yes U: BAEV, Stoyan  
MCC: BAEV, Stoyan  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-22 2004-11-29 6 . 0 . 0 [get it](#)  
GP-23 2005-02-21 6 . 1 . 0 [get it](#)

---

**TS 51.010-5** Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)  
Rel-6 current version: 6.1.0 NP / T1 HU, Shicheng ETSI Secretariat  
freeze\_meeting: GP-23 MCC: BAEV, Stoyan

remarks - general: Should number really be 31.010-5? G: yes U: BAEV, Stoyan  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-22 2005-01-19 6 . 0 . 0 [get it](#)  
GP-23 2005-02-21 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

## TS 51.021 Base Station System (BSS) equipment specification; Radio aspects

WG (prime / other): G1 / - rapporteur: BUSIN, Ake Telefon AB LM Ericsson

G: yes U: USAI, Paolino

freeze\_meeting: GP-23

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-13 2003-02-21 6 . 0 . 0 [get it](#)

GP-15 2003-07-11 6 . 1 . 0 [get it](#)

GP-21 2004-09-22 6 . 2 . 0 [get it](#)

---

## TS 51.026 GSM Repeater Equipment Specification

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov USAI, Paolino

freeze\_meeting: GP-23

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

GP-23 2005-02-11 6 . 0 . 0 [get it](#)

---

Rel-6 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

## TS 52.008 Telecommunication management; GSM subscriber and equipment trace

WG (prime / other): S5 / - rapporteur: RONKA, Kari  
G: yes U: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2003-07-15	0	1	2			
SP-25	2004-09-20	1	0	0	SP-040545		
S5-40		1	2	0	S5-042738		
S5-40	2004-11-26	1	2	1			
SP-26	2004-11-29	2	0	0	SP-040772		
SP-26	2005-01-04	6	0	0			

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

WG (prime / other): G1 / S5 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
G: yes U: Skov

freeze\_meeting: GP-23

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

MCC:

USAI, Paolino

history (event, available, version, comments, hyperlink):

GP-23	2005-02-11	6	0	0			
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[get it](#)

## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

WG (prime / other): S5 / - rapporteur: TOCHE, Christian  
G: yes U: ZOICAS, Adrian

freeze\_meeting: SP-26

remarks - general: SP-13: replaces 32.402.

remarks - this release:

NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):

SP-25	2004-09-29	6	0	0			
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

Rel-6 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

**TS 55.205** **Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8**  
Rel-6  
*current version:* 6.1.0  
*freeze\_meeting:* SP-26  
*remarks - general:* Not subject to export control.

*WG (prime / other):* S3 / -  
*rappporteur:* WALKER, Michael  
VODAFONE Group Plc  
G: yes U:  
*MCC:* POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-26	0	.	1	.	0	S3-020675
SP-18	2003-01-16	1	.	0	.	0 SP-020724
SP-18	2002-12-18	6	.	0	.	0
SP-22	2004-01-08	6	.	1	.	0

[get it](#)  
[get it](#)  
[get it](#)

**TS 55.216** **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**  
Rel-6  
*current version:* 6.2.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A  
Indicate persons who left Company and wait for new  
One

G: yes U:  
*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-07-22	1	.	0	.	0 SP-020506 pairs for approval
SP-17	2002-09-18	6	.	0	.	0
SP-18	2002-12-18	6	.	1	.	0
SP-21	2003-09-30	6	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series) ACTIVE specs Rel-6 55 .- series

## TS 55.217

Rel-6

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**

*current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / rapporteur: N, A

*freeze\_meeting:* SP-26

Indicate persons who left Company and wait for new

One

MCC: POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pars for approval
SP-17	2002-09-18	6	.	0	.	0	
SP-18	2002-12-18	6	.	1	.	0	

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## TS 55.218

Rel-6

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**

*current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / rapporteur: N, A

*freeze\_meeting:* SP-26

Indicate persons who left Company and wait for new

One

MCC: POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pars for approval
SP-17	2002-09-18	6	.	0	.	0	
SP-18	2002-12-18	6	.	1	.	0	

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## TR 55.199

Rel-6

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**

*current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / rapporteur: N, A

*freeze\_meeting:* SP-26

Indicate persons who left Company and wait for new

One

MCC: POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pars for approval
SP-17	2002-09-18	6	.	0	.	0	
SP-18	2002-12-18	6	.	1	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

## Rel-5

Rel-5 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

### TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system

Rel-5 current version: 5.8.0 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: SP-20 G: U: yes MCC: POPE, Maurice

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999 remarks - this release:  
Specifications".

history (event, available, version, comments, hyperlink):

SP-20	2003-06-25	5	4	0	Created from 21.103 v5.4.0	<a href="#">get it</a>
SP-22	2004-01-15	5	5	0		<a href="#">get it</a>
SP-23	2004-04-02	5	6	0		<a href="#">get it</a>
SP-24	2004-06-24	5	7	0		<a href="#">get it</a>
SP-26	2005-01-04	5	8	0		<a href="#">get it</a>

### TS 21.111 USIM and IC card requirements

Rel-5 current version: 5.1.0 WG (prime / other): T3 / - rapporteur: KALINER, Stefan T-Mobile International AG  
freeze\_meeting: TP-16 G: U: yes MCC: THOMASEN, Gert

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

TP-16	2002-06-19	5	0	0		<a href="#">get it</a>
TP-17	2002-09-18	5	1	0		<a href="#">get it</a>



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ACTIVE specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.801 Specification drafting rules

Rel-5 current version: 5.1.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
G: yes U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0  
edito 2002-07-19 5 . 0 . 1  
edito 2003-05-15 5 . 0 . 2  
SP-23 2004-04-02 5 . 1 . 0

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[get it](#)

## TR 21.900 Technical Specification Group working methods

Rel-5 current version: 5.1.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
G: yes U: yes MCC: POPE, Maurice

remarks - this release: SP-22: From now on, is null document pointing to equivalent in latest Release.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0  
edito post SP-17 2002-09-18 5 . 0 . 1 corrects Release id on cover page  
SP-22 2004-01-14 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 current version: 5.8.0

freeze\_meeting: SP-15

WG (prime / other): S1 / - rapporteur: ZARRI, Michele

G: yes U: yes remarks - this release: T-Mobile International AG

remarks - general: 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least, so include it in that set.

history (event, available, version, comments, hyperlink):

SP-12	2001-06-27	5	.	0	.	0
SP-13	2001-10-05	5	.	1	.	0
SP-14	2002-01-10	5	.	2	.	0
SP-15	2002-03-25	5	.	3	.	0
SP-16	2002-07-04	5	.	4	.	0
SP-17	2002-09-16	5	.	5	.	0
SP-19	2003-03-25	5	.	6	.	0
SP-20	2003-06-18	5	.	7	.	0
SP-21	2003-09-30	5	.	8	.	0

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## Rel-5 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

### TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi

G: yes U: yes remarks - this release: NOKIA Corporation

remarks - general: Transfer>TSG#5

history (event, available, version, comments, hyperlink):

SP-16	2002-07-19	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

Rel-5 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
freeze\_meeting: SP-16 G: yes U: yes MCC: CLAYTON, Michael  
Research in Motion UK Limited

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-04 5 . 0 . 0 [get it](#)

---

## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

Rel-5 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
freeze\_meeting: SP-15 G: yes U: yes MCC: CLAYTON, Michael  
NOKIA Corporation

remarks - general: Transfer>TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14 2002-01-10 5 . 0 . 0 [get it](#)  
SP-15 2002-03-25 5 . 1 . 0 [get it](#)  
SP-16 2002-07-04 5 . 2 . 0 [get it](#)

---

## TS 22.004 General on supplementary services

Rel-5 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
freeze\_meeting: SP-16 G: yes U: yes MCC: CLAYTON, Michael  
Research in Motion UK Limited

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0 [get it](#)  
SP-24 2004-06-14 5 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.011

Rel-5  
*remarks - general:* Transfer>TSG#4

### Service accessibility

current version: 5.1.0  
freeze\_meeting: SP-16

WG (prime / other): S1 / -  
G: yes U: yes

ORANGE SA

rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0  
SP-17 2002-09-17 5 . 1 . 0

[get it](#)  
[get it](#)

---

## TS 22.016

Rel-5  
*remarks - general:* Transfer>TSG#4

### International Mobile Equipment Identities (IMEI)

current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S1 / -  
G: yes U: yes

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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## TS 22.022

Rel-5  
*remarks - general:* Transfer>TSG#4

### Personalisation of Mobile Equipment (ME); Mobile functionality specification

current version: 5.0.0  
freeze\_meeting: SP-17

WG (prime / other): S3 / -  
G: yes U: yes

France Telecom

rapporteur: NGUYEN NGOC, Sebastien

MCC: POPE, Maurice

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-18 5 . 0 . 0 identical to 4.1.0.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.024 Description of Charge Advice Information (CAI)

Rel-5  
*current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*remarks - general:* Transfer>TSG#4,CR at TSG#5

WG (prime / other): S1 / -  
G: yes U: yes  
*rapporteur:* DEOL, Amar  
*MCC:* CLAYTON, Michael  
*remarks - this release:*

Nortel Networks (USA)

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

Rel-5  
*current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*remarks - general:* Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
*rapporteur:* IGNATIUS, Jan  
*MCC:* CLAYTON, Michael  
*remarks - this release:*

NOKIA Corporation

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5  
*current version:* 5.0.0  
*freeze\_meeting:* SP-18

WG (prime / other): S3 /  
G: yes U: yes  
*rapporteur:* WRIGHT, Tim  
*MCC:* POPE, Maurice  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & *remarks - this release:* Created from 42.031 Rel-5.  
Rel-5 -> 22.031.

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*  
SP-18 2003-01-06 5 . 0 . 0 Technically identical to 43.031 v5.0.0.

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5 WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
current version: 5.0.0  
freeze\_meeting: SP-16

Indicate persons who left Company and wait for new One

remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).  
G: yes U: yes  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1

Rel-5 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
current version: 5.0.0  
freeze\_meeting: SP-16  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0 [get it](#)

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## TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1

Rel-5 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
current version: 5.4.0  
freeze\_meeting: SP-15  
MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09 2000-10-18 5 . 0 . 0 [get it](#)  
SP-10 2001-01-08 5 . 1 . 0 [get it](#)  
SP-12 2001-06-27 5 . 2 . 0 [get it](#)  
SP-20 2003-06-18 5 . 3 . 0 [get it](#)  
SP-22 2004-01-06 5 . 4 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.041 Operator Determined Call Barring

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: WATSON, John  
MCC: CLAYTON, Michael  
remarks - this release:

VODAFONE Group Plc

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0  
SP-20 2003-06-18 5 . 1 . 0

[get it](#)  
[get it](#)

---

## TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: TP-20  
remarks - general: TP-12: was previously 42.048.

WG (prime / other): T3 / S3  
G: yes U: yes  
rapporteur: BARNES, Nigel  
MCC: THOMASEN, Gert  
remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

TP-20 2003-06-23 5 . 0 . 0 technically identical to v4.0.0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4.

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: NAVARRO, William  
MCC: USAI, Paolino  
remarks - this release:

NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1

Rel-5  
current version: 5.4.0  
freeze\_meeting: SP-15

remarks - general: Transfer>TSG#4; Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1".

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):  
SP-09 2000-10-18 5 . 0 . 0  
SP-11 2001-04-02 5 . 1 . 0  
SP-13 2001-10-05 5 . 2 . 0  
SP-15 2002-03-25 5 . 3 . 0  
edito post SP-15 2002-04-04 5 . 3 . 1  
SP-16 2002-07-04 5 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: yes MCC: CLAYTON, Michael  
Research in Motion UK Limited

freeze\_meeting: SP-15

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13	2001-10-05	5	0	0	0
SP-15	2002-03-25	5	1	0	0
SP-16	2002-07-04	5	2	0	0
SP-19	2003-03-25	5	3	0	0

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## TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
G: yes U: yes MCC: CLAYTON, Michael  
EMCOM Ltd

freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-07-19	5	0	0	0
SP-20	2003-06-18	5	1	0	0

[get it](#)

[get it](#)

## TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg  
G: yes U: yes MCC: CLAYTON, Michael  
SIEMENS AG

freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-07-19	5	0	0	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.071 Location Services (LCS); Stage 1

Rel-5  
current version: 5.4.0  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-14 2002-01-10 5 . 0 . 0  
SP-15 2002-03-25 5 . 1 . 0  
edito post SP-15 2002-04-04 5 . 1 . 1  
SP-21 2003-09-30 5 . 2 . 0  
SP-22 2004-01-06 5 . 3 . 0  
SP-23 2004-03-23 5 . 4 . 0

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## TS 22.072 Call Deflection (CD); Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: HECHWARTNER, RolandT-Mobile International AG  
MCC: CLAYTON, Michael

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

## TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S4 / -  
G: yes U: yes

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - this release:

TELECOM ITALIA S.p.A.

### history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

Rel-5 current version: 5.14.0 freeze\_meeting: SP-15 rapporteur: GRECH, Michel  
Lucent Technologies Network Systems UK  
MCC: CLAYTON, Michael

remarks - general: U: yes U: yes  
WG (prime / other): S1 / -  
G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-09 2000-11-09 5 . 0 . 0 unclear how to implement CR

SP-10 2001-01-08 5 . 1 . 0

SP-11 2001-04-02 5 . 2 . 0

SP-12 2001-06-27 5 . 3 . 0

SP-13 2001-10-05 5 . 4 . 0

SP-14 2002-01-10 5 . 5 . 0

SP-15 2002-03-25 5 . 6 . 0

SP-16 2002-07-04 5 . 7 . 0

SP-17 2002-09-17 5 . 8 . 0

SP-18 2002-12-18 5 . 9 . 0

edito (fix missing headers/footers) 2003-01-07 5 . 9 . 1

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## TS 22.079 Support of optimal routing; Stage 1

Rel-5 current version: 5.0.0 freeze\_meeting: SP-16 rapporteur: CLAYTON, Michael  
EMCOM Ltd  
MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4  
WG (prime / other): S1 / -  
G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.081 Line Identification supplementary services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
remarks - this release:

TeliaSonera AB

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
remarks - this release:

ORANGE SA

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.084 MultiParty (MPTY) supplementary service; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael

TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.087 User-to-user signalling (UUS); Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: ACHTER, Johannes

MCC: CLAYTON, Michael

T-Mobile International AG

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

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## TS 22.088 Call Barring (CB) supplementary services; Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: ACHTER, Johannes

MCC: CLAYTON, Michael

T-Mobile International AG

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

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## TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: IGNATIUS, Jan

MCC: CLAYTON, Michael

NOKIA Corporation

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - this release:

SIEMENS AG

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.094 Follow Me service description - Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4, GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: HECHWARTNER, RolandT-Mobile International AG  
MCC: CLAYTON, Michael  
remarks - this release:

HECHWARTNER, RolandT-Mobile International AG

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.096 Name identification supplementary services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 22.097 Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.101 Service aspects; Service principles

Rel-5  
current version: 5.13.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S1 / - rapporteur: DEOL, Amar  
G: U: yes MCC: CLAYTON, Michael  
Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	5	.	0	.	0
SP-10	2001-01-08	5	.	1	.	0
SP-11	2001-04-02	5	.	2	.	0
SP-12	2001-06-27	5	.	3	.	0
SP-13	2001-10-05	5	.	4	.	0
SP-15	2002-03-25	5	.	5	.	0
SP-16	2002-07-04	5	.	6	.	0
SP-17	2002-09-17	5	.	7	.	0
SP-18	2002-12-18	5	.	8	.	0
SP-19	2003-03-25	5	.	9	.	0
SP-20	2003-06-18	5	.	10	.	0
SP-21	2003-09-30	5	.	11	.	0
SP-22	2004-01-06	5	.	12	.	0
SP-23	2004-03-23	5	.	13	.	0

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## TS 22.105 Services and service capabilities

Rel-5  
current version: 5.2.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S1 / - rapporteur: ZARRI, Michele  
G: U: yes MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13	2001-10-05	5	.	0	.	0
SP-15	2002-03-25	5	.	1	.	0
SP-16	2002-07-04	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.112 USIM toolkit interpreter; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: TP-15

remarks - general:

WG (prime / other): T3 / -  
G: U: yes

rapporteur: MEYER, Michael  
MCC: THOMASEN, Gert

GIESECKE & DEVRIENT GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-13 2001-10-12 5 . 0 . 0

[get it](#)

## TS 22.115 Service Aspects Charging and billing

Rel-5  
current version: 5.4.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: SCARRONE, Enrico  
MCC: CLAYTON, Michael

TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 5 . 0 . 0  
SP-12 2001-06-27 5 . 1 . 0  
SP-15 2002-03-28 5 . 2 . 0  
SP-20 2003-06-18 5 . 3 . 0  
SP-22 2004-01-06 5 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.121 Service aspects; The Virtual Home Environment (VHE); Stage 1

Rel-5 current version: 5.3.1 freeze\_meeting: SP-15 T-Mobile International AG

WG (prime / other): S1 / - rapporteur: ZARRI, Michele  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment; remarks - this release: SP-26: do not upgrade to Rel-6 Stage 1". SP-16: converted from TS to TR.

### history (event, available, version, comments, hyperlink):

SP-11	2001-04-02	5	0	0	<a href="#">get it</a>
SP-12	2001-06-27	5	1	0	<a href="#">get it</a>
SP-14	2002-01-10	5	2	0	<a href="#">get it</a>
SP-15	2002-03-28	5	3	0	<a href="#">get it</a>
SP-16	2002-07-19	5	3	1	<a href="#">get it</a>

Converted from TS to TR.

## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-5 current version: 5.5.0 freeze\_meeting: SP-15 SIEMENS AG

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg  
G: U: yes MCC: CLAYTON, Michael

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-27	5	0	0	<a href="#">get it</a>
SP-13	2001-10-05	5	1	0	<a href="#">get it</a>
edito	2001-10-09	5	1	1	<a href="#">get it</a>
SP-14	2002-01-10	5	2	0	<a href="#">get it</a>
SP-15	2002-03-29	5	3	0	<a href="#">get it</a>
SP-16	2002-07-04	5	4	0	<a href="#">get it</a>
SP-18	2002-12-18	5	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

Rel-5 current version: 5.2.0

freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S1 / -

rporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael

ORANGE SA

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13 2001-10-05 5 . 0 . 0

SP-14 2002-01-10 5 . 1 . 0

SP-16 2002-07-04 5 . 2 . 0

[get it](#)

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## TS 22.135 Multicall; Service description; Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S1 / -

NOKIA Corporation

rporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-5 current version: 5.4.0

freeze\_meeting: SP-15

remarks - general: (development in T2)

WG (prime / other): S1 / -

SIEMENS AG

rporteur: MEYER, Juergen  
MCC: CLAYTON, Michael

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14 2002-01-10 5 . 0 . 0

SP-15 2002-03-28 5 . 1 . 0

SP-16 2002-07-04 5 . 2 . 0

SP-17 2002-09-17 5 . 3 . 0

SP-18 2002-12-20 5 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.226 Global text telephony (GTT); Stage 1: Service description

Rel-5  
current version: 5.2.0  
freeze\_meeting: SP-15  
remarks - general: SP-16: to "GERAN" set.

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

G: yes U: yes  
MCC: CLAYTON, Michael  
remarks - this release: WI approved TSG#7

### history (event, available, version, comments, hyperlink):

SP-09	2000-11-27	1	.	0	.	0
SP-12	2001-06-27	2	.	0	.	0
SP-12	2001-06-27	5	.	0	.	0
SP-13	2001-10-05	5	.	1	.	0
SP-15	2002-03-28	5	.	2	.	0

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## TS 22.228 Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1

Rel-5  
current version: 5.6.0  
freeze\_meeting: SP-15

WG (prime / other): S1 / rapporteur: CATALDO, Mark  
Openwave Systems (N.I.) Ltd

MCC: CLAYTON, Michael

remarks - general: 2004-09-30: "IMS" added to title in database for ease of searching. remarks - this release: Clayton 2000-10-16: Rel-5 confirmed.

### history (event, available, version, comments, hyperlink):

SP-09	2000-09-28	1	.	0	.	0
SP-10	2001-01-12	5	.	0	.	0
SP-11	2001-04-02	5	.	1	.	0
SP-12	2001-06-27	5	.	2	.	0
SP-13	2001-10-05	5	.	3	.	0
SP-14	2002-01-10	5	.	4	.	0
SP-15	2002-03-28	5	.	5	.	0
SP-16	2002-07-19	5	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.233 Transparent end-to-end packet-switched streaming service; Stage 1

Rel-5 current version: 5.0.0 WG (prime / other): S1 / rapporteur: WATSON, John  
freeze\_meeting: SP-16 G: U: yes U: yes MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

S1-12	0	1	0	
S1-13	0	2	0	
S1-14	0	3	0	
SP-14	2002-01-02	1	0	0 SP-010733
SP-15	2002-03-19	2	0	0 SP-020062
SP-15	2002-03-27	5	0	0

[get it](#)  
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## TR 22.944 Report on service requirements for UE functionality split

Rel-5 current version: 5.1.0 WG (prime / other): S1 / rapporteur: BARNES, Nigel  
freeze\_meeting: SP-15 G: U: yes U: yes MCC: CLAYTON, Michael

MOTOROLA Ltd

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14	2002-01-02	1	0	0 SP-010679, SP-020064
SP-15	2002-03-19	2	0	0 SP-020064
SP-15	2002-04-02	5	0	0 Not fit for SDO publication. Contains many editor's notes.
SP-16	2002-07-04	5	1	0

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Rel-5 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.002** Network architecture  
Rel-5 current version: 5.12.0  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): S2 / -  
G: yes U: yes

rapporteur: MILINSKI, Alexander  
MCC: BOSWARTHICK, David

SIEMENS AG

remarks - this release:

## history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	5	.	0	.	0
SP-10	2000-12-21	5	.	1	.	0
SP-11	2001-04-06	5	.	2	.	0
SP-12	2001-07-12	5	.	3	.	0
SP-13	2001-10-12	5	.	4	.	0
SP-14	2002-01-07	5	.	5	.	0
SP-15	2002-04-02	5	.	6	.	0
SP-16	2002-06-17	5	.	7	.	0
SP-17	2002-09-24	5	.	8	.	0
SP-18	2003-01-10	5	.	9	.	0
SP-19	2003-03-27	5	.	10	.	0
SP-20	2003-06-20	5	.	11	.	0
SP-21	2003-10-01	5	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.003 Numbering, addressing and identification

Rel-5 current version: 5.10.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-12	2001-06-27	5	.	0	.	0
NP-13	2001-10-03	5	.	1	.	0
NP-14	2002-01-11	5	.	2	.	0
NP-16	2002-06-21	5	.	3	.	0
NP-17	2002-09-17	5	.	4	.	0
NP-18	2003-01-07	5	.	5	.	0
post NP-18 fix	2003-01-10	5	.	5	.	1
corrupted figures						
pp24 ff						
NP-20	2003-06-27	5	.	6	.	0
NP-21	2003-10-09	5	.	7	.	0
NP-22	2004-01-12	5	.	8	.	0
NP-23	2004-03-23	5	.	9	.	0
NP-26	2004-12-23	5	.	10	.	0

Implements CR082r2 omitted from v5.8.0.

## TS 23.007

Rel-5 current version: 5.1.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-21	5	.	0	.	0
NP-22	2004-01-12	5	.	1	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.008 Organisation of subscriber data

Rel-5 current version: 5.7.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / - rapporteur:

G: yes U: yes

KYMALAINEN, Kimmo

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15	2002-03-28	5	.	0	.	0
NP-16	2002-06-21	5	.	1	.	0
NP-17	2002-09-17	5	.	2	.	0
NP-18	2003-01-07	5	.	3	.	0
NP-19	2003-04-04	5	.	4	.	0
NP-20	2003-06-27	5	.	5	.	0
NP-21	2003-10-09	5	.	6	.	0
NP-22	2004-01-12	5	.	7	.	0

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## TS 23.009 Handover procedures

Rel-5 current version: 5.8.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / N4 rapporteur:

G: yes U: yes

FARHOUMAND, Rouzbeh Ericsson Incorporated

MCC:

JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	2002-01-08	5	.	0	.	0
NP-16	2002-06-20	5	.	1	.	0
NP-17	2002-09-17	5	.	2	.	0
NP-18	2003-01-02	5	.	3	.	0
NP-19	2003-03-24	5	.	4	.	0
NP-20	2003-06-27	5	.	5	.	0
NP-21	2003-10-10	5	.	6	.	0
NP-22	2004-01-05	5	.	7	.	0
NP-23	2004-03-22	5	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.011 Technical realization of Supplementary Services

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: CONRAD, Alan  
MCC: KYMALAINEN, Kimmo  
T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

## TS 23.012 Location management procedures

Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15 2002-03-28 5 . 0 . 0  
NP-20 2003-07-01 5 . 1 . 0  
NP-21 2003-10-09 5 . 2 . 0

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## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-5  
current version: 5.1.0  
freeze\_meeting: NP-15

remarks - general: Should not be in UMTS ????

WG (prime / other): N1 / -  
G: yes U: yes  
rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 5 . 0 . 0  
NP-17 2002-09-17 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-5 current version: 5.0.0

freeze\_meeting: NP-15

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 23.016 Subscriber data management; Stage 2

Rel-5 current version: 5.3.0

freeze\_meeting: NP-15

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-15 2002-03-28 5 . 0 . 0 [get it](#)

NP-16 2002-06-21 5 . 1 . 0 [get it](#)

NP-17 2002-09-17 5 . 2 . 0 [get it](#)

NP-23 2004-03-23 5 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.018 Basic Call Handling; Technical realization

Rel-5  
current version: 5.9.0  
freeze\_meeting: NP-15

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
Chalmers  
VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-12	2001-06-27	5	.	0	.	0
NP-13	2001-10-03	5	.	1	.	0
NP-14	2002-01-16	5	.	2	.	0
NP-15	2002-03-28	5	.	3	.	0
NP-17	2002-09-17	5	.	4	.	0
NP-18	2003-01-07	5	.	5	.	0
NP-19	2003-04-04	5	.	6	.	0
NP-20	2003-06-27	5	.	7	.	0
NP-21	2003-10-09	5	.	8	.	0
NP-23	2004-03-23	5	.	9	.	0

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## TS 23.031

Rel-5

**Fraud Information Gathering System (FIGS); Service description; Stage 2**

current version: 5.0.0

freeze\_meeting: SP-18

WG (prime / other): S3 / -

rapporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new One

G: yes U: yes

MCC:

POPE, Maurice

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: Created from 43.031 Rel-5.

Ret5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-18	2003-01-06	5	.	0	.	0
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Technically identical to 43.031 v5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.032 Universal Geographical Area Description (GAD)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-19

remarks - general: S2 responsibility?

WG (prime / other): S2 / -  
G: yes U: yes

rapporteur: HIETALAHTI, Hannu  
MCC: BOSWARTHICK, David

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19 2003-03-27 5 . 0 . 0

[get it](#)

## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / -  
G: yes U: yes

rapporteur: CARRIÓN, Inmaculada  
MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 5 . 0 . 0  
NP-18 2002-12-18 5 . 1 . 0  
NP-19 2003-03-24 5 . 2 . 0

[get it](#)  
[get it](#)  
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## TS 23.035 Immediate Service Termination (IST); Stage 2

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-16

remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).

WG (prime / other): S3 / -  
G: yes U: yes

rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice

Indicate persons who left Company and wait for new  
One

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0  
SP-17 2002-09-18 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.038 Alphabets and language-specific information

Rel-5 current version: 5.1.0  
freeze\_meeting: TP-15

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes MCC: HAN, Seung Don  
Research In Motion Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-15 2002-03-21 5 . 0 . 0  
TP-25 2004-09-23 5 . 1 . 0

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## TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Rel-5 current version: 5.0.0  
freeze\_meeting: TP-15

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes MCC: HAN, Seung Don  
Research In Motion Limited

remarks - this release: TP-26: Not to be upgraded to Rel-6.

history (event, available, version, comments, hyperlink):

TP-16 2002-07-02 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 current version: 5.8.1

freeze\_meeting: TP-15

WG (prime / other): T2 / -

G: yes U: yes

rapporteur: HARRIS, Ian

MCC: HAN, Seung Don

Research In Motion Limited

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-12 2001-07-05 5 . 0 . 0

TP-13 2001-10-03 5 . 1 . 0

TP-14 2002-01-11 5 . 2 . 0

TP-15 2002-03-26 5 . 3 . 0

TP-16 2002-07-05 5 . 4 . 0

TP-17 2002-09-18 5 . 5 . 0

post TP-17: adds 2002-09-24 5 . 5 . 1

test vector file

TP-20 2003-06-26 5 . 6 . 0 figures 15h & g illegible

TP-20 2003-10-03 5 . 6 . 1 fixes illegible figures

TP-23 2004-03-25 5 . 7 . 0

edito post TP-23 2004-05-24 5 . 7 . 1

TP-25 2004-09-23 5 . 8 . 0

TP-25 2004-10-08 5 . 8 . 1 adds compression text vectors file

accidentally omitted from v5.8.0

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 current version: 5.2.0

freeze\_meeting: TP-16

WG (prime / other): T2 / -

G: yes U: yes

rapporteur: HARRIS, Ian

MCC: HAN, Seung Don

Research In Motion Limited

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-16 2002-06-26 5 . 0 . 0

TP-19 2003-03-24 5 . 1 . 0

TP-22 2004-01-09 5 . 2 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.042 Compression algorithm for SMS

Rel-5 current version: 5.0.0

freeze\_meeting: TP-15

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: yes MCC: HAN, Seung Don

remarks - this release:

Research In Motion Limited

history (event, available, version, comments, hyperlink):

TP-16 2002-06-26 5 . 0 . 0

[get it](#)

---

## TS 23.048 Security mechanisms for the (U)SIM application toolkit; Stage 2

Rel-5 current version: 5.8.0

freeze\_meeting: TP-15

remarks - general:

TP-12: replaces 43.048. TP-15: For test spec, see 31.048,

WG (prime / other): T3 / -

G: yes U: yes MCC: BARNES, Nigel

remarks - this release: TP-26: No promotion to Rel-6, contents is all in 31.115 & 31.116.

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

TP-12 2001-07-06 5 . 0 . 0

TP-13 2001-10-12 5 . 1 . 0

TP-14 2002-01-17 5 . 2 . 0

TP-15 2002-03-28 5 . 3 . 0

TP-17 2002-09-23 5 . 4 . 0

TP-18 2003-01-02 5 . 5 . 0

TP-19 2003-03-26 5 . 6 . 0

TP-20 2003-06-23 5 . 7 . 0

TP-22 2004-01-12 5 . 8 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: No draft.

WG (prime / other): S4 / S2  
G: yes U: yes  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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---

## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-5  
current version: 5.1.0  
freeze\_meeting: TP-15  
remarks - general: Apr-2001: " Station Application" removed from title.

WG (prime / other): T2 / -  
G: yes U: yes  
rapporteur: BRENK, Lars  
MCC: HAN, Seung Don  
TTP Communications plc  
remarks - this release:

history (event, available, version, comments, hyperlink):  
TP-15 2002-03-25 5 . 0 . 0  
TP-17 2002-09-18 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.060** **General Packet Radio Service (GPRS); Service description; Stage 2**  
Rel-5 *current version: 5.9.0* *WG (prime / other): S2 / -* *rappporteur: KUCHIBHOTLA, Ravi* *MOTOROLA Ltd*  
*freeze\_meeting: SP-15* *MCC: BOSWARTHICK, David*  
*remarks - general: Transfer>TSG#4* *U: yes* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-08	5	.	0	.	0	<a href="#">get it</a>
SP-15	2002-04-05	5	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-17	5	.	2	.	0	<a href="#">get it</a>
SP-17	2002-10-02	5	.	3	.	0	<a href="#">get it</a>
SP-18	2003-01-10	5	.	4	.	0	<a href="#">get it</a>
Seems that approved CR418 was not implemented.							
SP-19	2003-03-27	5	.	5	.	0	<a href="#">get it</a>
SP-20	2003-06-20	5	.	6	.	0	<a href="#">get it</a>
SP-22	2004-01-06	5	.	7	.	0	<a href="#">get it</a>
SP-23	2004-04-01	5	.	8	.	0	<a href="#">get it</a>
SP-25	2004-09-27	5	.	9	.	0	<a href="#">get it</a>

**TS 23.066** **Support of GSM Mobile Number Portability (MNP) stage 2**  
Rel-5 *current version: 5.3.0* *WG (prime / other): N4 / -* *rappporteur: LOPEZ SORIA, Luis* *Telefon AB LM Ericsson*  
*freeze\_meeting: NP-15* *MCC: KYMALAINEN, Kimmo*  
*remarks - general: Transfer>TSG#4, CR at TSG#5* *U: yes* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	1	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	2	.	0	<a href="#">get it</a>
NP-22	2004-01-12	5	.	3	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N4 / -  
G: yes U: yes

rapporporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N4 / -  
G: yes U: yes

rapporporteur: CONRAD, Alan  
MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-5 current version: 5.9.0

freeze\_meeting: NP-16

remarks - general: NP-24: txferred to N4 on closure of N2.

N4 / - rapporteur: HOMANN, Christian

MCC: KYMALAINEN, Kimmo

ALCATEL SEL AG

remarks - this release: Phase 4.

history (event, available, version, comments, hyperlink):

NP-16	2002-06-17	5	.	0	.	0
NP-17	2002-09-17	5	.	1	.	0
NP-18	2002-12-18	5	.	2	.	0
NP-19	2003-03-25	5	.	3	.	0
NP-20	2003-06-20	5	.	4	.	0
NP-21	2003-09-29	5	.	5	.	0
remove redundant	2003-10-08	5	.	5	.	1
SDL files						
NP-22	2004-01-06	5	.	6	.	0
NP-23	2004-03-29	5	.	7	.	0
NP-24	2004-06-17	5	.	8	.	0
NP-26	2005-01-07	5	.	9	.	0

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## TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

Rel-5 current version: 5.5.0

freeze\_meeting: NP-15

remarks - general: CR at TSG#4, CR at TSG#5

N4 / - rapporteur: PARK, Ian David

Chalmers

VODAFONE LTD

KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15	2002-03-28	5	.	0	.	0
NP-16	2002-06-21	5	.	1	.	0
NP-18	2003-01-07	5	.	2	.	0
NP-21	2003-10-09	5	.	3	.	0
NP-22	2004-01-12	5	.	4	.	0
NP-24	2004-06-15	5	.	5	.	0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.081 Line Identification supplementary services; Stage 2

Rel-5  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0  
NP-17 2002-09-17 5 . 1 . 0  
NP-19 2003-04-04 5 . 2 . 0

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[get it](#)

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-5  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-21 5 . 0 . 0

[get it](#)

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-5  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15 2002-03-28 5 . 0 . 0  
NP-17 2002-09-17 5 . 1 . 0

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-12 2001-06-27 5 . 0 . 0

[get it](#)

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## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -

rapporteur: CROOK, Mick

MCC: KYMALAINEN, Kimmo

ORANGE PCS LTD

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-5  
current version: 5.1.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-21 5 . 0 . 0  
NP-17 2002-09-17 5 . 1 . 0

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

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---

## TS 23.094 Follow Me Stage 2

Rel-5  
current version: 5.0.1  
freeze\_meeting: NP-15

remarks - general: Transfer>TSG#4, GSM only @TSG#5

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0  
post NP-16 edito: 2002-07-01 5 . 0 . 1  
make fig 5.1 visible

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TS 23.096 Name Identification Supplementary Service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-24 5 . 0 . 0

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## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-24 5 . 0 . 0

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## TS 23.101 General UMTS Architecture

Rel-5  
current version: 5.0.1  
freeze\_meeting: SP-22

remarks - general:

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: OLSSON, Magnus  
MCC: BOSWARTHICK, David  
Telefon AB LM Ericsson  
remarks - this release:

history (event, available, version, comments, hyperlink):  
Upgrade to Rel-4 2004-01-22 5 . 0 . 0 Technically = v4.0.0  
Correct illegible 2004-01-27 5 . 0 . 1  
figures

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 current version: 5.13.0

freeze\_meeting: SP-15

remarks - general: was 23.907

WG (prime / other): S2 / -

rapporteur: RINNE, Janne

MCC: BOSWARTHICK, David

G: NOKIA Corporation

U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-11	5	.	0	.	0
SP-12	2001-06-29	5	.	1	.	0
SP-13	2001-10-12	5	.	2	.	0
SP-14	2002-01-07	5	.	3	.	0
SP-15	2002-04-07	5	.	4	.	0
SP-16	2002-06-17	5	.	5	.	0
SP-17	2002-09-24	5	.	6	.	0
SP-18	2003-01-10	5	.	7	.	0
SP-19	2003-03-27	5	.	8	.	0
SP-20	2003-06-26	5	.	9	.	0
SP-21	2003-10-01	5	.	10	.	0
SP-22	2004-01-06	5	.	11	.	0
SP-23	2004-04-01	5	.	12	.	0
SP-26	2005-01-05	5	.	13	.	0

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## TS 23.108

Rel-5

Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

current version: 5.0.0

freeze\_meeting: NP-16

remarks - general: This is clause 7 from 04.08 ex R98.

WG (prime / other): N1 / -

rapporteur: DOIG, Ian

MCC: JURISIC, Andrijana

G: MOTOROLA S.A.S

U: yes

remarks - this release: 2002-04-15: N1-23 decision to continue to Rel-5.

history (event, available, version, comments, hyperlink):

NP-16	2002-06-28	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.110 UMTS Access Stratum Services and Functions

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-22

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar  
Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: BOSWARTHICK, David

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

upgrade to Rel-5 2003-10-09 5 . 0 . 0 Created when discovered it was missing [get it](#)  
following SP-21 post SP-21. To be ratified SP-22.

---

## TS 23.116 Super-Charger technical realization; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas  
Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 23.119 Gateway Location Register (GLR); Stage2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro  
NTT DoCoMo Inc.

G: yes U: yes

MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series) ACTIVE specs Rel-5 23 .- series

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-5 WG (prime / other): N1 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
freeze\_meeting: NP-15 G: yes U: yes MCC: JURISIC, Andrijana  
remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC remarks - this release: refiew of R98 features.

history (event, available, version, comments, hyperlink):

NP-16	2002-06-24	5	.	0	.	0
NP-17	2002-09-17	5	.	1	.	0
NP-18	2002-12-18	5	.	2	.	0
NP-21	2003-10-10	5	.	3	.	0

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## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-5 WG (prime / other): S2 / - rapporteur: GOURRAUD, Christophe ERICSSON RESEARCH CANADA  
freeze\_meeting: SP-15 G: U: yes MCC: BOSWARTHICK, David  
remarks - general: Sept. 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25. remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14	2002-01-07	5	.	0	.	0
SP-15	2002-04-05	5	.	1	.	0
SP-16	2002-06-17	5	.	2	.	0

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## TS 23.135 Multicall supplementary service; Stage 2

Rel-5 WG (prime / other): N4 / - rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation  
freeze\_meeting: NP-15 G: U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-24	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-5  
current version: 5.11.0  
freeze\_meeting: TP-15

T2 / -  
rapporteur: ROEBKE, Matthias  
MCC: HAN, Seung Don  
T-MOBILE DEUTSCHLAND

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

remarks - this release: 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available. 2004-01-12: (Rodermund) WAP Forum (now OMA) elements for MMS Rel-5 are ready.

history (event, available, version, comments, hyperlink):

TP-13	2001-10-05	5	.	0	.	0		<a href="#">get it</a>
TP-14	2002-01-11	5	.	1	.	0		<a href="#">get it</a>
TP-15	2002-03-29	5	.	2	.	0		<a href="#">get it</a>
TP-16	2002-07-05	5	.	3	.	0	Schema delivered 2002-07-07 (uploaded - <a href="#">get it</a> 19) to <a href="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0">http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0</a> .	
TP-17	2002-09-30	5	.	4	.	0	Schema v1.1 uploaded 2002-11-14.	<a href="#">get it</a>
TP-18	2002-12-20	5	.	5	.	0	Schema v1.2 (REL-5-MM7-1-2.xsd) uploaded 2003-01-08 and version without file extension 2003-01-14.	<a href="#">get it</a>
TP-19	2003-03-31	5	.	6	.	0		<a href="#">get it</a>
TP-20	2003-06-25	5	.	7	.	0		<a href="#">get it</a>
TP-21	2003-10-03	5	.	8	.	0		<a href="#">get it</a>
TP-22	2004-01-12	5	.	9	.	0		<a href="#">get it</a>
TP-23	2004-03-25	5	.	10	.	0		<a href="#">get it</a>
TP-24	2004-06-15	5	.	11	.	0	XML schema unchanged	<a href="#">get it</a>

## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

N3 / -  
rapporteur: HAGIWARA, Junichiro  
MCC: HAN, Seung Don  
NTT DoCoMo Inc.

remarks - general:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 current version: 5.9.0

freeze\_meeting: NP-15

remarks - general: New after TSG#5

WG (prime / other): N4 / - rapporteur: HODGES, Phil  
G: U: yes

Telefon AB LM Ericsson

MCC: KYMALAINEN, Kimmo

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-15	2002-03-28	5	.	0	.	0
NP-16	2002-06-21	5	.	1	.	0
NP-17	2002-09-18	5	.	2	.	0
NP-18	2003-01-09	5	.	3	.	0
NP-19	2003-04-04	5	.	4	.	0
NP-20	2003-06-27	5	.	5	.	0
NP-21	2003-10-09	5	.	6	.	0
NP-23	2004-03-23	5	.	7	.	0
NP-24	2004-06-15	5	.	8	.	0
NP-26	2005-01-07	5	.	9	.	0

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## TS 23.172

Rel-5 current version: 5.4.0

freeze\_meeting: NP-16

remarks - general:

### Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2

WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar  
G: U: yes

Telefon AB LM Ericsson

MCC: HAN, Seung Don

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2002-04-18	1	.	0	.	0
NP-16	2002-06-25	2	.	0	.	0
NP-16	2002-06-28	5	.	0	.	0
NP-18	2003-01-09	5	.	1	.	0
NP-21	2003-10-03	5	.	2	.	0
NP-22	2004-01-15	5	.	3	.	0
NP-23	2004-03-22	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

Rel-5  
current version: 5.4.0 /  
freeze\_meeting: SP-20 /  
WG (prime / other): S2 /  
G: yes U: yes  
rapporteur: PUDNEY, Chris  
MCC: BOSWARTHICK, David  
VODAFONE Group Plc  
remarks - general: Created as a result of 23.895.  
remarks - this release: SP-20: approved as a Rel-5 document, not Rel-6.

### history (event, available, version, comments, hyperlink):

draft	2003-03-24	0	1	0	
SP-19	2003-03-24	1	0	0	SP-030030. Also RP-030195 at RP-10.
S2-32		1	2	0	S2-031951 (inc in RP-030234)
draft		1	3	0	Tech identical to v1.2.0; S2-031953
SP-20		2	0	0	SP-030314
SP-20	2003-06-17	2	1	0	SP-030335; incorporates RP-20 decisions
					re IMEISV vs bitmap resolved (ie remove IMEISV)
SP-20	2003-06-20	5	0	0	
SP-21	2003-10-01	5	1	0	
SP-22	2004-01-06	5	2	0	
SP-23	2004-04-01	5	3	0	
SP-25	2004-09-27	5	4	0	

## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-5  
current version: 5.7.0 /  
freeze\_meeting: NP-15 /  
WG (prime / other): N4 / -  
G: U: yes  
rapporteur: HODGES, Phil  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson  
remarks - general: 2000-10: Rap change from Keutmann.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-14	2002-01-10	5	0	0	
NP-15	2002-03-28	5	1	0	
NP-16	2002-06-21	5	2	0	
NP-17	2002-09-18	5	3	0	
NP-18	2003-01-07	5	4	0	
NP-19	2003-04-04	5	5	0	
NP-20	2003-06-27	5	6	0	
NP-23	2004-03-24	5	7	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-5 current version: 5.9.0  
freeze\_meeting: SP-15

WG (prime / other): S2 / -  
G: yes U: yes

rapporporteur: OYAMA, Johnson

Nippon Ericsson K.K.

MCC: BOSWARTHICK, David

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-07-02	2	0	0	0	SP-010337
SP-13	2001-10-15	5	0	1	0	
SP-14	2002-01-07	5	2	2	0	
SP-15	2002-04-05	5	3	3	0	<a href="#">get it</a>
SP-16	2002-06-18	5	4	4	0	<a href="#">get it</a>
SP-17	2002-09-24	5	5	5	0	<a href="#">get it</a>
SP-18	2003-01-10	5	6	6	0	<a href="#">get it</a>
SP-19	2003-03-27	5	7	7	0	<a href="#">get it</a>
SP-20	2003-06-20	5	8	8	0	<a href="#">get it</a>
SP-23	2004-04-01	5	9	9	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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**TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2**

Rel-5 current version: 5.7.0  
 freeze\_meeting: NP-15

WG (prime / other): N1 / - rapporteur: DRAGE, Keith  
 G: yes U: yes MCC: JURISIC, Andrijana  
 Lucent Technologies Network Systems UK

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2001-03-30	0	5	0	
draft	2001-08-20	0	5	2	
draft	2001-09-11	0	6	0	
draft	2001-10-10	0	7	0	
draft	2001-11-05	0	8	0	
draft	2001-11-19	0	9	0	
NP-14	2001-12-05	1	0	0	NP-010640
draft	2002-01-22	1	1	0	
draft	2002-02-06	1	2	0	
draft	2002-02-26	2	0	0	
NP-15	2002-03-19	2	0	1	NP-020047
NP-15	2002-03-19	5	0	0	
NP-16	2002-06-25	5	1	0	
NP-17	2002-09-17	5	2	0	
NP-18	2002-12-18	5	3	0	
NP-19	2003-03-24	5	4	0	
NP-20	2003-07-03	5	5	0	
NP-21	2003-09-30	5	6	0	
NP-22	2004-01-06	5	7	0	

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.221 Architectural requirements

Rel-5 current version: 5.11.0

freeze\_meeting: SP-15

remarks - general: Derived from R99-specific 23.121

WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth  
G: yes U: yes Lucent Technologies Network Systems UK

MCC: BOSWARTHICK, David

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-06	5	.	0	.	0
SP-12	2001-07-02	5	.	1	.	0
SP-13	2001-10-12	5	.	2	.	0
SP-14	2002-01-07	5	.	3	.	0
SP-15	2002-04-05	5	.	4	.	0
SP-16	2002-06-18	5	.	5	.	0
SP-17	2002-10-02	5	.	6	.	0
SP-18	2003-01-10	5	.	7	.	0
SP-21	2003-10-01	5	.	8	.	0
SP-23	2004-04-01	5	.	9	.	0
SP-24	2004-06-23	5	.	10	.	0
SP-25	2004-09-27	5	.	11	.	0

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## TS 23.226 Global text telephony (GTT); Stage 2: Architecture

Rel-5 current version: 5.2.0

freeze\_meeting: NP-15

remarks - general: 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.

WG (prime / other): S2 / - rapporteur: HELLSTROM, Gunnar  
G: yes U: yes Omnitron AB

MCC: BOSWARTHICK, David

remarks - this release: WI approved TSG#7

history (event, available, version, comments, hyperlink):

SP-12	2001-06-29	2	.	0	.	0
SP-14	2002-01-07	5	.	0	.	0
SP-15	2002-04-05	5	.	1	.	0
		5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.227 Application and user interaction in the UE; Principles and specific requirements

WG (prime / other): T2 / -

current version: 5.1.0

freeze\_meeting: TP-15

rappporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes

MCC: HAN, Seung Don

remarks - this release: TP-26: Not to be upgraded to Rel-6.

remarks - general:

history (event, available, version, comments, hyperlink):

TP-14 2002-01-11 5 . 0 . 0

TP-15 2002-03-26 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 current version: 5.13.0

freeze\_meeting: SP-15

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: TOWLE, Thomas

MCC: BOSWARTHICK, David

Lucent Technologies

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2000-11-30 1 . 0 . 0  
SP-10 2001-01-10 1 . 4 . 0 SP-000598

draft 2001-02-06 1 . 7 . 0

SP-11 2001-04-06 5 . 0 . 0

SP-12 2001-07-02 5 . 1 . 0

SP-13 2001-10-17 5 . 2 . 0

repair of lost figures 5 . 2 . 1

SP-14 2002-01-04 5 . 3 . 0

SP-15 2002-04-08 5 . 4 . 0

edito post SP-15 2002-04-12 5 . 4 . 1

SP-16 2002-06-17 5 . 5 . 0

SP-17 2002-09-30 5 . 6 . 0

SP-18 2003-01-07 5 . 7 . 0

SP-19 2003-03-27 5 . 8 . 0

SP-20 2003-06-20 5 . 9 . 0

SP-21 2003-10-01 5 . 10 . 0

SP-22 2004-01-06 5 . 11 . 0

SP-23 2004-04-01 5 . 12 . 0

SP-26 2005-01-06 5 . 13 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.236 Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes

Rel-5 current version: 5.3.0 freeze\_meeting: SP-15 rapporteur: TERRILL, Stephen  
MCC: BOSWARTHICK, David  
Telefon AB LM Ericsson

WG (prime / other): S2 / -  
G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-07-12	1	.	0	.	0	0	SP-010338
draft	2001-08-16	1	.	1	.	1	0	
SP-13	2001-10-01	2	.	0	.	0	0	SP-010507
SP-13		2	.	1	.	0	0	not made available
SP-13	2001-10-15	5	.	0	.	0	0	
SP-14	2002-01-07	5	.	1	.	0	0	
SP-15	2002-04-05	5	.	2	.	0	0	
SP-26	2005-01-05	5	.	3	.	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.271 Functional stage 2 description of Location Services (LCS)

Rel-5 current version: 5.13.0

freeze\_meeting: SP-15

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: WONG, Gavin

MCC: BOSWARTHICK, David

VODAFONE Group Plc

remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13	2001-10-15	5	.	0	.	0		<a href="#">get it</a>
SP-14	2002-01-07	5	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-29	5	.	2	.	0		<a href="#">get it</a>
SP-16	2002-06-18	5	.	3	.	0		<a href="#">get it</a>
SP-17	2002-09-24	5	.	4	.	0		<a href="#">get it</a>
SP-18	2003-01-09	5	.	5	.	0		<a href="#">get it</a>
SP-19	2003-03-27	5	.	6	.	0		<a href="#">get it</a>
SP-20	2003-06-23	5	.	7	.	0		<a href="#">get it</a>
SP-21	2003-10-02	5	.	8	.	0		<a href="#">get it</a>
SP-22	2004-01-06	5	.	9	.	0		<a href="#">get it</a>
SP-23	2004-04-01	5	.	10	.	0		<a href="#">get it</a>
SP-24	2004-06-23	5	.	11	.	0		<a href="#">get it</a>
SP-25	2004-09-27	5	.	12	.	0		<a href="#">get it</a>
SP-26	2005-01-06	5	.	13	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.278

Rel-5 **customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2**  
current version: 5.6.0  
freeze\_meeting: NP-18  
remarks - general: 2001-10-26: renumbered from 23.178. NP-24: txferred to N4 on closure of N2. remarks - this release: Was briefly 23.178. CAMEL Phase 4.

history (event, available, version, comments, hyperlink):

NP-14	2002-01-02	1	.	0	.	0	NP-010586	<a href="#">get it</a>
NP-15	2002-03-19	1	.	1	.	0	NP-020059	<a href="#">get it</a>
NP-16	2002-06-26	2	.	0	.	0	NP-020207 - not approved	<a href="#">get it</a>
NP-17	2002-09-24	2	.	1	.	0	NP-020348	<a href="#">get it</a>
NP-17	2002-09-17	5	.	0	.	0		<a href="#">get it</a>
NP-18	2003-01-10	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-03-25	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-20	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-29	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-05	5	.	5	.	0		<a href="#">get it</a>
NP-25	2004-09-30	5	.	6	.	0		<a href="#">get it</a>

## TR 23.815

Rel-5 **Charging implications of IMS architecture**

current version: 5.0.0

freeze\_meeting: SP-15

remarks - general: Was 23.915.

WG (prime / other): S2 /

G: yes U: yes

rappporteur: MILINSKI, Alexander

MCC: BOSWARTHICK, David

SIEMENS AG

remarks - this release: 2002-04 (Rappporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).

history (event, available, version, comments, hyperlink):

draft	0	.	0	.	0	2001-08	
S2-19	0	.	1	.	0	2001-10	
S2-20	2001-11-20	0	.	2	.	0	
S2-21	2001-12-04	0	.	3	.	0	
SP-14	2002-01-11	1	.	0	.	0	SP-010718
SP-15	2002-03-19	2	.	0	.	0	SP-020144
SP-15	2002-04-05	5	.	0	.	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.871 Enhanced support for user privacy in Location Services (LCS)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

WG (prime / other): S2 /  
G: U: yes

rapporteur: KÁLL, Jan  
MCC: BOSWARTHICK, David

NOKIA Corporation

remarks - general:

remarks - this release: Not to progress to Rel-6: see 23.271.

history (event, available, version, comments, hyperlink):

draft	0	0	1	
draft	0	0	2	
draft	0	0	3	
draft	0	1	0	
S2-21	0	2	0	
draft	0	3	0	
draft	0	4	0	
SP-14	2002-01-02	1	0	0 SP-010717
S2-23		1	2	0
draft	2002-03-19	1	3	0
SP-15		2	0	0 not presented
SP-16	2002-07-22	2	1	0 SP-020379
SP-16	2002-07-25	5	0	0

## TR 23.875 Support of Push service

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-15

WG (prime / other): S2 /  
G: U: yes

rapporteur: UDA, Nobuyuki  
MCC: BOSWARTHICK, David

NTT COMMWARE Corporation

remarks - general: SP-13: changed number from 23.974.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13	2001-10-16	5	0	0 derived from SP-010508
SP-14	2002-04-04	5	1	0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.910 Circuit switched data bearer services

Rel-5  
*current version:* 5.4.0  
*freeze\_meeting:* NP-15  
*WG (prime / other):* N3 / -  
*G:* U: yes  
*rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*MCC:* HAN, Seung Don  
*remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4  
*remarks - this release:* NP-25: In view of the intention to replace by a TS, this TR will not be upgraded to Rel-6.  
approval). NP-25: TSG CN proposing to convert to a TS.

### *history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5	.	0	.	0
NP-17	2002-09-17	5	.	1	.	0
NP-18	2003-01-06	5	.	2	.	0
NP-19	2003-03-27	5	.	3	.	0
NP-21	2003-10-01	5	.	4	.	0

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## TR 23.981

Rel-5  
*current version:* 5.0.0  
*freeze\_meeting:* SP-25  
*WG (prime / other):* S2 /  
*G:* U: yes  
*rapporteur:* MILINSKI, Alexander SIEMENS AG  
*MCC:* BOSWARTHICK, David  
*remarks - general:* SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert  
*remarks - this release:* SP-24: to be back-created by CRs to the Rel-6 instance.  
23.881 to 23.981. Agreed at S2-39.

### *history (event, available, version, comments, hyperlink):*

SP-25	2004-09-27	5	.	0	.	0
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Rel-5

24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.1.1

Skov

JURISIC, Andrijana

freeze\_meeting: NP-15

MCC:

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-28 5 . 0 . 0

NP-19 2003-03-24 5 . 1 . 0

correction of typo 2003-06-02 5 . 1 . 1

on cover page

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## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

current version: 5.3.0

freeze\_meeting: NP-15

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): N1 / -

HOWELL, Andrew

JURISIC, Andrijana

MOTOROLA Ltd

rapporteur:

MCC:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0

NP-17 2002-09-17 5 . 1 . 0

NP-24 2004-06-21 5 . 2 . 0

NP-26 2005-01-07 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

Rel-5 current version: 5.12.0

freeze\_meeting: NP-15

reporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

N1 / -

remarks - this release:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-12	2001-07-13	5	.	0	.	0
NP-13	2001-10-05	5	.	1	.	0
NP-14	2002-01-10	5	.	2	.	0
NP-15	2002-03-21	5	.	3	.	0
NP-16	2002-06-24	5	.	4	.	0
NP-17	2002-09-17	5	.	5	.	0
NP-18	2002-12-18	5	.	6	.	0
NP-19	2003-03-24	5	.	7	.	0
NP-20	2003-07-04	5	.	8	.	0
NP-21	2003-10-09	5	.	9	.	0
NP-22	2004-01-12	5	.	10	.	0
NP-23	2004-03-22	5	.	11	.	0
NP-24	2004-06-15	5	.	12	.	0

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## TS 24.010

Rel-5 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

current version: 5.0.0

freeze\_meeting: NP-15

reporteur: ANDERSEN, Niels Peter

MCC: KYMALAINEN, Kimmo

QUALCOMM EUROPE S.A.R.L.

N4 / -

remarks - this release:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-24	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 -.- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

WG (prime / other): N1 / T2 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

current version: 5.2.0

MCC:

JURISIC, Andrijana

G: yes U: yes

freeze\_meeting: NP-15

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
NP-18	2002-12-18	5	.	1	.	0		<a href="#">get it</a>
NP-20	2003-07-03	5	.	2	.	0		<a href="#">get it</a>

## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

WG (prime / other): N3 / -

SIEMENS AG

current version: 5.5.0

MCC:

KLEHN, Norbert

HAN, Seung Don

G: yes U: yes

remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".

history (event, available, version, comments, hyperlink):

NP-14	2002-01-16	5	.	0	.	0		<a href="#">get it</a>
NP-18	2003-01-06	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-03-27	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-23	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-10-01	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-13	5	.	5	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

Rel-5 WG (prime / other): N4 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
freeze\_meeting: NP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: TSG#7: txfrd from SMG to 3GPP for R99. remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15 2002-03-28 5 . 0 . 0 [get it](#)  
NP-16 2002-06-21 5 . 1 . 0 [get it](#)

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## TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

Rel-5 WG (prime / other): N4 / - rapporteur: SCHMITT, Peter SIEMENS AG  
freeze\_meeting: NP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 24.072 Call Deflection Supplementary Service; Stage 3

Rel-5 WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software  
freeze\_meeting: NP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

freeze\_meeting: NP-15

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15	2002-03-28	5	.	0	.	0
NP-16	2002-06-21	5	.	1	.	0
NP-17	2002-09-18	5	.	2	.	0
NP-18	2003-01-07	5	.	3	.	0
NP-21	2003-10-09	5	.	4	.	0
NP-26	2005-01-07	5	.	5	.	0

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## TS 24.081 Line Identification Supplementary Service; Stage 3

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

freeze\_meeting: NP-15

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-24	5	.	0	.	0
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## TS 24.082 Call Forwarding supplementary service; Stage 3

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

freeze\_meeting: NP-15

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-25	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-5  
WG (prime / other): N4 / -  
G: yes U: yes  
current version: 5.0.0  
freeze\_meeting: NP-15  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

Rel-5  
WG (prime / other): N4 / -  
G: yes U: yes  
current version: 5.0.0  
freeze\_meeting: NP-15  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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## TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

Rel-5  
WG (prime / other): N4 / -  
G: yes U: yes  
current version: 5.0.0  
freeze\_meeting: NP-15  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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## TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: BRUSS, Jörg  
MCC: KYMALAINEN, Kimmo

ERICSSON Eurolab Deutschland GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

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## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Company: Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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## TS 24.135 Multicall supplementary service; Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo  
Company: NTT COMMWARE Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.228 Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 current version: 5.11.0  
freeze\_meeting: NP-16

WG (prime / other): N1 / -  
G: yes U: yes

rappporteur: KISS, Krisztian

MCC: JURISIC, Andrijana

remarks - general: Post NP-25: not to be upgraded to Rel-6. NP-26: confirmed: contents subsumed by other specs.

### history (event, available, version, comments, hyperlink):

NP-10	2001-01-05	0	1	0	N1-001114->1378 (NP-000683)	<a href="#">get it</a>
draft	2001-03-26	0	4	0		<a href="#">get it</a>
draft	2001-04-18	0	5	0		<a href="#">get it</a>
NP-12	2001-06-26	1	0	0	NP-010278	<a href="#">get it</a>
draft		1	0	0	N1-17	
draft	2001-06-26	1	1	0	N1-010944	<a href="#">get it</a>
draft	2001-08-01	1	2	0	N1-011230	<a href="#">get it</a>
draft	2001-09-11	1	3	0	N1-011363	<a href="#">get it</a>
draft	2001-09-14	1	4	0	N1-011364	<a href="#">get it</a>
draft	2001-10-05	1	5	0	N1-011496	<a href="#">get it</a>
draft	2001-10-24	1	6	0	N1-011706	<a href="#">get it</a>
draft	2001-11-19	1	7	0		<a href="#">get it</a>
NP-14	2001-12-04	1	8	0	NP-010641	<a href="#">get it</a>
draft	2002-01-22	1	9	0		<a href="#">get it</a>
draft	2002-02-06	1	10	0		<a href="#">get it</a>
draft	2002-02-26	2	0	0		<a href="#">get it</a>
draft	2002-02-26	2	0	1		<a href="#">get it</a>
NP-15	2002-03-19	2	0	2	NP-020048	<a href="#">get it</a>
NP-15	2002-03-19	5	0	0	not yet frozen	<a href="#">get it</a>
NP-16	2002-07-16	5	1	0	Enormous CRs to create this version; take several man.weeks to accomplish	<a href="#">get it</a>
NP-17	2002-09-17	5	2	0		<a href="#">get it</a>
NP-18	2003-01-10	5	3	0		<a href="#">get it</a>
NP-19	2003-03-24	5	4	0		<a href="#">get it</a>
NP-20	2003-07-04	5	5	0		<a href="#">get it</a>
NP-21	2003-10-08	5	6	0		<a href="#">get it</a>
NP-22	2004-01-12	5	7	0		<a href="#">get it</a>
NP-23	2004-03-22	5	8	0		<a href="#">get it</a>
NP-24	2004-06-14	5	9	0		<a href="#">get it</a>
NP-25	2004-09-27	5	10	0		<a href="#">get it</a>
NP-26	2005-01-07	5	11	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.229 Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 current version: 5.11.1

freeze\_meeting: NP-16

WG (prime / other): N1 / -

G: yes U: yes

rappporteur: DRAGE, Keith

MCC: JURISIC, Andrijana

Lucent Technologies Network Systems UK

remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS. remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10	2001-01-05	0	0	6				<a href="#">get it</a>
draft	2001-03-26	0	1	0				<a href="#">get it</a>
draft	2001-05-10	0	2	0				<a href="#">get it</a>
draft	2001-06-26	0	3	0				<a href="#">get it</a>
draft	2001-07-26	0	4	0				<a href="#">get it</a>
draft	2001-09-12	0	5	0				<a href="#">get it</a>
draft	2001-10-09	0	6	0				<a href="#">get it</a>
draft	2001-10-24	0	7	0				<a href="#">get it</a>
draft	2001-11-19	0	8	0				<a href="#">get it</a>
NP-14	2001-12-06	1	0	0		NP-010642		<a href="#">get it</a>
draft	2002-01-22	1	1	0				<a href="#">get it</a>
draft	2002-02-06	1	2	0				<a href="#">get it</a>
draft	2002-02-06	1	2	1				<a href="#">get it</a>
draft	2002-02-27	2	0	0				<a href="#">get it</a>
NP-15	2002-03-19	2	0	2		NP-020049		<a href="#">get it</a>
NP-15	2002-03-19	5	0	0		not frozen		<a href="#">get it</a>
NP-16	2002-06-28	5	1	0		CR009 not implemented; expect further CR at NP-17 to remove it.		<a href="#">get it</a>
NP-17	2002-09-17	5	2	0				<a href="#">get it</a>
NP-18	2002-12-20	5	3	0				<a href="#">get it</a>
NP-19	2003-03-24	5	4	0				<a href="#">get it</a>
NP-20	2003-06-23	5	5	0				<a href="#">get it</a>
NP-21	2003-09-29	5	6	0				<a href="#">get it</a>
NP-22	2004-01-13	5	7	0				<a href="#">get it</a>
NP-23	2004-03-22	5	8	0				<a href="#">get it</a>
NP-24	2004-06-14	5	9	0				<a href="#">get it</a>
NP-25	2004-09-27	5	10	0				<a href="#">get it</a>
NP-26	2005-01-07	5	11	0				<a href="#">get it</a>
edito post NP-26	2005-01-10	5	11	1		fixes Word problem		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Rel-5 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-5  
current version: 5.13.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: FERNANDES, Edgar MOTOROLA Ltd  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13	2001-10-03	5	.	0	.	0
RP-14	2002-01-14	5	.	1	.	0
RP-15	2002-03-29	5	.	2	.	0
RP-16	2002-07-01	5	.	3	.	0
RP-17	2002-10-04	5	.	4	.	0
RP-18	2003-01-10	5	.	5	.	0
RP-19	2003-04-04	5	.	6	.	0
RP-20	2003-06-27	5	.	7	.	0
RP-21	2003-10-10	5	.	8	.	0
RP-22	2004-01-23	5	.	9	.	0
RP-23	2004-04-01	5	.	10	.	0
RP-24	2004-06-24	5	.	11	.	0
RP-25	2004-09-30	5	.	12	.	0
RP-26	2005-01-06	5	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-5  
current version: 5.6.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rapporteur: KOTTKAMP, Meik  
MCC: SIEMENS AG  
GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-03-29 5 . 0 . 0  
RP-15 2002-04-15 5 . 0 . 1 Fixes change history table entry.  
RP-16 2002-07-01 5 . 1 . 0  
RP-17 2002-10-02 5 . 2 . 0  
RP-18 2003-01-10 5 . 3 . 0  
RP-19 2003-04-04 5 . 4 . 0  
RP-20 2003-06-27 5 . 5 . 0  
RP-22 2004-01-20 5 . 6 . 0

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## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-5  
current version: 5.9.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rapporteur: SKÖLD, Johan  
MCC: Telefon AB LM Ericsson  
GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13 2001-10-03 5 . 0 . 0  
RP-14 2002-01-14 5 . 1 . 0  
RP-15 2002-03-29 5 . 2 . 0  
RP-16 2002-07-01 5 . 3 . 0  
RP-17 2002-10-02 5 . 4 . 0  
RP-18 2003-01-10 5 . 5 . 0  
RP-19 2003-04-04 5 . 6 . 0  
RP-20 2003-06-27 5 . 7 . 0  
RP-22 2004-01-23 5 . 8 . 0  
RP-25 2004-09-30 5 . 9 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-5

current version: 5.6.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -

rapporteur: KOTTKAMP, Meik

MCC: SIEMENS AG

G: GUTIERREZ MIGUELEZ, Cesar

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-07-01	5	.	1	.	0
RP-17	2002-10-02	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-22	2004-01-20	5	.	5	.	0
RP-24	2004-06-24	5	.	6	.	0

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## TS 25.106 UTRA repeater radio transmission and reception

Rel-5

current version: 5.8.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -

rapporteur: NILSSON, Martin

MCC: GUTIERREZ MIGUELEZ, Cesar

G: One

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-07-01	5	.	1	.	0
RP-17	2002-10-02	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-21	2003-10-10	5	.	6	.	0
RP-22	2004-01-20	5	.	7	.	0
RP-24	2004-06-24	5	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5  
WG (prime / other): R4 / -  
G: U: yes  
rapporteur: BARNES, David  
MCC: GUTIERREZ MIGUELEZ, Cesar  
DTI - Department of Trade and Industry  
GUTIERREZ MIGUELEZ, Cesar  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	0	0	<a href="#">get it</a>
edito	2002-04-19	5	0	1	<a href="#">get it</a>
RP-16	2002-07-01	5	1	0	<a href="#">get it</a>
RP-17	2002-10-02	5	2	0	<a href="#">get it</a>
RP-18	2003-01-10	5	3	0	<a href="#">get it</a>
RP-19	2003-04-04	5	4	0	<a href="#">get it</a>
RP-22	2004-01-23	5	5	0	<a href="#">get it</a>

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## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-5  
WG (prime / other): R4 / -  
G: U: yes  
rapporteur: GUERRINI, Claudio  
MCC: GUTIERREZ MIGUELEZ, Cesar  
TELECOM ITALIA S.p.A.  
GUTIERREZ MIGUELEZ, Cesar  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	0	0	<a href="#">get it</a>
RP-16	2002-07-03	5	1	0	<a href="#">get it</a>
RP-17	2002-10-10	5	2	0	<a href="#">get it</a>
RP-18	2003-01-10	5	3	0	<a href="#">get it</a>
RP-19	2003-04-04	5	4	0	<a href="#">get it</a>
RP-20	2003-07-01	5	5	0	<a href="#">get it</a>
RP-21	2003-10-10	5	6	0	<a href="#">get it</a>
RP-22	2004-01-23	5	7	0	<a href="#">get it</a>
RP-23	2004-04-01	5	8	0	<a href="#">get it</a>
RP-24	2004-06-24	5	9	0	<a href="#">get it</a>
RP-25	2004-09-30	5	10	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.133 Requirements for support of radio resource management (FDD)

Rel-5 current version: 5.13.0

freeze\_meeting: RP-15

WG (prime / other): R4 / -

rapporteur: GUERRINI, Claudio

TELECOM ITALIA S.p.A.

G: U: yes

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13	2001-10-10	5	.	0	.	0
RP-14	2002-01-17	5	.	1	.	0
RP-15	2002-03-29	5	.	2	.	0
RP-16	2002-07-04	5	.	3	.	0
RP-17	2002-10-04	5	.	4	.	0
RP-18	2003-01-10	5	.	5	.	0
RP-19	2003-04-04	5	.	6	.	0
RP-20	2003-07-02	5	.	7	.	0
RP-21	2003-10-10	5	.	8	.	0
RP-22	2004-01-23	5	.	9	.	0
RP-23	2004-04-01	5	.	10	.	0
RP-24	2004-06-24	5	.	11	.	0
RP-25	2004-09-30	5	.	12	.	0
RP-26	2005-01-06	5	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-5  
current version: 5.9.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rapporteur: NAKAMURA, Takaharu  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13	2001-10-03	5	.	0	.	0	
RP-14	2002-01-16	5	.	1	.	0	
RP-15	2002-04-02	5	.	2	.	0	
RP-16	2002-07-04	5	.	3	.	0	
edito post	RP-16	2002-07-19	5	.	3	.	1
	RP-17	2002-10-04	5	.	4	.	0
	RP-18	2003-01-10	5	.	5	.	0
	RP-19	2003-04-04	5	.	6	.	0
	RP-20	2003-06-27	5	.	7	.	0
	RP-22	2004-01-23	5	.	8	.	0
	RP-25	2004-09-30	5	.	9	.	0

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## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rapporteur: MEYER, Juergen  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-07-04	5	.	1	.	0
RP-17	2002-10-04	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-22	2004-01-20	5	.	6	.	0
RP-24	2004-06-24	5	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.143 UTRA repeater conformance testing

Rel-5 current version: 5.8.0

freeze\_meeting: RP-15

remarks - general: Created by renumbering 25.107

WG (prime / other): R4 / - rapporteur: KUMMETZ, Thomas MIKOM GmbH - An Andrew Company

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-07-03	5	.	1	.	0
RP-17	2002-10-02	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-21	2003-10-10	5	.	6	.	0
RP-22	2004-01-20	5	.	7	.	0
RP-24	2004-06-24	5	.	8	.	0

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## TS 25.201 Physical layer - general description

Rel-5 current version: 5.2.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / - rapporteur: GERSTENBERGER, Dirk Telefon AB LM Ericsson

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-5  
current version: 5.6.0  
freeze\_meeting: RP-15

WG (prime / other): R1 / -  
G: U: yes

rapporteur: PARKVALL, Stefan  
MCC: ISHII, Yoshikazu

Ericsson AB

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0
RP-18	2003-01-07	5	.	3	.	0
RP-20	2003-06-27	5	.	4	.	0
RP-21	2003-09-29	5	.	5	.	0
RP-25	2004-09-28	5	.	6	.	0

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## TS 25.212 Multiplexing and channel coding (FDD)

Rel-5  
current version: 5.9.0  
freeze\_meeting: RP-15

SIEMENS AG

WG (prime / other): R1 / -  
G: U: yes

rapporteur: MICHEL, Jürgen  
MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0
RP-18	2003-01-07	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-21	2003-09-29	5	.	6	.	0
RP-22	2004-01-14	5	.	7	.	0
RP-23	2004-04-02	5	.	8	.	0
RP-24	2004-06-18	5	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.213 Spreading and modulation (FDD)

Rel-5  
current version: 5.5.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / - rapporteur: WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.

G: U: yes ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0
RP-19	2003-04-04	5	.	3	.	0
RP-21	2003-09-29	5	.	4	.	0
RP-22	2004-01-14	5	.	5	.	0

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## TS 25.214 Physical layer procedures (FDD)

Rel-5  
current version: 5.10.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / - rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)

G: U: yes ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0
RP-18	2003-01-07	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-21	2003-09-29	5	.	6	.	0
RP-22	2004-01-14	5	.	7	.	0
RP-23	2004-04-02	5	.	8	.	0
RP-24	2004-06-18	5	.	9	.	0
RP-26	2005-01-05	5	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.215 Physical layer; Measurements (FDD)

Rel-5  
current version: 5.5.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / - rapporteur: SUZUKI, Hidetoshi

G: U: yes ISHII, Yoshikazu

Panasonic Mobile Communications Co., Ltd.

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-17	2002-09-27	5	.	1	.	0
RP-18	2003-01-07	5	.	2	.	0
RP-19	2003-04-04	5	.	3	.	0
RP-20	2003-06-27	5	.	4	.	0
RP-21	2003-09-29	5	.	5	.	0

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## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-5  
current version: 5.5.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / -

G: U: yes CHAPMAN, Thomas

SIEMENS AG

MCC:

remarks - this release:

ISHII, Yoshikazu

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0
RP-18	2003-01-07	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / - rapporteur: BEALE, Martin  
G: U: yes IPWireless Inc.

MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5 . 0 . 0	<a href="#">get it</a>
RP-16	2002-06-28	5 . 1 . 0	<a href="#">get it</a>
RP-17	2002-09-27	5 . 2 . 0	<a href="#">get it</a>
editorial to correct clause numbers	2002-10-22	5 . 2 . 1	<a href="#">get it</a>
RP-18	2003-01-07	5 . 3 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 4 . 0	<a href="#">get it</a>
RP-20	2003-06-27	5 . 5 . 0	<a href="#">get it</a>
RP-22	2004-01-14	5 . 6 . 0	<a href="#">get it</a>
RP-25	2004-09-28	5 . 7 . 0	<a href="#">get it</a>

Minor problems implementing CRs. See readme file.

## TS 25.223 Spreading and modulation (TDD)

Rel-5 current version: 5.3.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / - rapporteur: ISHII, Yoshikazu  
G: U: yes

MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-29	5 . 0 . 0	<a href="#">get it</a>
RP-16	2002-06-28	5 . 1 . 0	<a href="#">get it</a>
RP-18	2003-01-07	5 . 2 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 3 . 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.224 Physical layer procedures (TDD)

Rel-5  
current version: 5.8.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / -  
G: U: yes  
rapporteur: RUDOLF, Marian  
MCC: ISHII, Yoshikazu  
INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-03-29 5 . 0 . 0 [get it](#)  
RP-16 2002-06-28 5 . 1 . 0 [get it](#)  
RP-17 2002-09-27 5 . 2 . 0 [get it](#)  
editorial to correct 2002-10-22 5 . 2 . 1 [get it](#)  
clause numbers  
RP-18 2003-01-07 5 . 3 . 0 [get it](#)  
RP-19 2003-04-04 5 . 4 . 0 [get it](#)  
RP-20 2003-06-27 5 . 5 . 0 [get it](#)  
RP-21 2003-09-29 5 . 6 . 0 [get it](#)  
RP-22 2004-01-14 5 . 7 . 0 [get it](#)  
RP-25 2004-09-28 5 . 8 . 0 [get it](#)

## TS 25.225 Physical layer; Measurements (TDD)

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / -  
G: U: yes  
rapporteur: CZAPLA, Liliana  
MCC: ISHII, Yoshikazu  
INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0 [get it](#)  
RP-16 2002-06-28 5 . 1 . 0 [get it](#)  
RP-17 2002-09-27 5 . 2 . 0 [get it](#)  
RP-18 2003-01-07 5 . 3 . 0 [get it](#)  
RP-19 2003-04-04 5 . 4 . 0 [get it](#)  
RP-20 2003-06-27 5 . 5 . 0 [get it](#)  
RP-22 2004-01-14 5 . 6 . 0 [get it](#)  
RP-23 2004-04-02 5 . 7 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.301 Radio interface protocol architecture

Rel-5  
current version: 5.3.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / - rapporteur: EKEMARK, Sven Telefon AB LM Ericsson

G: U: yes MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	5	.	2	.	0
RP-25	2004-09-23	5	.	3	.	0

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## TS 25.302 Services provided by the physical layer

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general: V3.0.0 approved via e-mail July 99 CR at TSG#5?

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	5	.	2	.	0
RP-18	2002-12-20	5	.	3	.	0
RP-19	2003-03-25	5	.	4	.	0
RP-20	2003-06-20	5	.	5	.	0
RP-21	2003-10-02	5	.	6	.	0
RP-22	2004-01-12	5	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.303 Interlayer procedures in Connected Mode

Rel-5  
current version: 5.2.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation

G: U: yes ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	0	0	
RP-16	2002-06-17	5	1	0	<a href="#">get it</a>
RP-26	2004-12-23	5	2	0	<a href="#">get it</a>

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / - rapporteur: BARRETO, Luis NOKIA UK Ltd

G: U: yes ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	0	0	
RP-16	2002-06-17	5	1	0	<a href="#">get it</a>
RP-18	2003-01-08	5	2	0	<a href="#">get it</a>
RP-20	2003-06-25	5	3	0	<a href="#">get it</a>
RP-23	2004-03-24	5	4	0	<a href="#">get it</a>
RP-24	2004-06-17	5	5	0	<a href="#">get it</a>
RP-25	2004-09-23	5	6	0	<a href="#">get it</a>
RP-26	2004-12-23	5	7	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.305

Rel-5 **User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2**

current version: 5.9.0

freeze\_meeting: RP-15

remarks - general: Created from 25.923

WG (prime / other): R2 / -

G: U: yes

rapporteur: MIHAILESCU, Claudiu

MCC: ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	5	.	0	.	0
RP-12	2001-06-19	5	.	1	.	0
RP-13	2001-10-02	5	.	2	.	0
RP-14	2002-01-04	5	.	3	.	0
RP-15	2002-03-19	5	.	4	.	0
RP-19	2003-03-25	5	.	5	.	0
RP-20	2003-06-20	5	.	6	.	0
RP-21	2003-10-02	5	.	7	.	0
RP-22	2004-01-12	5	.	8	.	0
RP-24	2004-06-17	5	.	9	.	0

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## TS 25.306

Rel-5 **UE Radio Access capabilities definition**

current version: 5.9.0

freeze\_meeting: RP-15

remarks - general: Converted from TR 25.926 at TSG#10.

WG (prime / other): R2 / -

G: U: yes

Ericsson Incorporated

BERGGREN, Anders

ARZELIER, Claude

rapporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	5	.	2	.	0
RP-18	2003-01-08	5	.	3	.	0
RP-19	2003-03-25	5	.	4	.	0
RP-20	2003-06-20	5	.	5	.	0
RP-21	2003-10-02	5	.	6	.	0
RP-22	2004-01-12	5	.	7	.	0
RP-23	2004-03-24	5	.	8	.	0
RP-26	2005-01-04	5	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-5 current version: 5.3.0 / R4 / R4 rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

freeze\_meeting: RP-15 MCC: ARZELIER, Claude

remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling remarks - this release: Expect continual updates each time a new band is allowed.

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0		<a href="#">get it</a>
RP-22	2004-01-12	5	.	1	.	0		<a href="#">get it</a>
RP-23	2004-03-24	5	.	2	.	0		<a href="#">get it</a>
RP-25	2004-09-23	5	.	3	.	0		<a href="#">get it</a>

---

## TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2

Rel-5 current version: 5.7.0 / R2 / R2 rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

freeze\_meeting: RP-15 MCC: ARZELIER, Claude

remarks - general: TS created from entrails of TR 25.855.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13	2001-10-01	0	.	1	.	0	RP-010643 for approval	<a href="#">get it</a>
RP-13	2001-10-02	5	.	0	.	0		<a href="#">get it</a>
RP-14	2002-01-04	5	.	1	.	0		<a href="#">get it</a>
RP-15	2002-03-21	5	.	2	.	0		<a href="#">get it</a>
RP-18	2003-01-14	5	.	3	.	0		<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0		<a href="#">get it</a>
RP-23	2004-03-24	5	.	5	.	0		<a href="#">get it</a>
RP-25	2004-09-27	5	.	6	.	0		<a href="#">get it</a>
RP-26	2004-12-23	5	.	7	.	0		<a href="#">get it</a>

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.321 Medium Access Control (MAC) protocol specification

Rel-5 current version: 5.10.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur: STADLER, Thomas

MCC: ARZELIER, Claude

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	5	.	2	.	0
RP-18	2003-01-08	5	.	3	.	0
RP-19	2003-03-25	5	.	4	.	0
RP-20	2003-06-20	5	.	5	.	0
RP-21	2003-10-02	5	.	6	.	0
RP-22	2004-01-12	5	.	7	.	0
RP-23	2004-03-24	5	.	8	.	0
RP-24	2004-06-17	5	.	9	.	0
RP-26	2005-01-05	5	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5  
current version: 5.9.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: HUS, Olivier  
MCC: ARZELIER, Claude  
Philips Research Laboratories

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-19	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-03-25	5	.	4	.	0
RP-20	2003-06-20	5	.	5	.	0
RP-21	2003-10-02	5	.	6	.	0
RP-22	2004-01-12	5	.	7	.	0
RP-24	2004-06-17	5	.	8	.	0
RP-26	2004-12-23	5	.	9	.	0

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## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5  
current version: 5.2.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: HANS, Martin  
MCC: ARZELIER, Claude  
INFINEON TECHNOLOGIES

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 current version: 5.5.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rappporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-18	2003-01-13	5	.	2	.	0
RP-19	2003-03-25	5	.	3	.	0
RP-24	2004-06-17	5	.	4	.	0
RP-26	2005-01-04	5	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 current version: 5.11.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur: KUCHIBHOTLA Ravi

MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-04	5	.	0	.	0	
RP-16	2002-06-21	5	.	1	.	0	
RP-17	2002-10-01	5	.	2	.	0	
RP-18	2003-02-03	5	.	3	.	0	
RP-19	2003-03-27	5	.	4	.	0	
RP-20	2003-06-25	5	.	5	.	0	
RP-21	2003-10-02	5	.	6	.	0	
RP-22	2004-01-12	5	.	7	.	0	
edito post	RP-22	2004-01-20	5	.	7	.	1

Some figures are not visible in these 2 documents. See figure 8.3.1-5 and 8.3.1-6, figures 8.3.1-8 to 8.3.1-10. There is an error message => Error! Objects cannot be created from editing field codes.

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RP-23	2004-03-29	5	.	8	.	0
RP-24	2004-07-01	5	.	9	.	0
RP-25	2004-09-27	5	.	10	.	0
RP-26	2004-12-23	5	.	11	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.401 UTRAN overall description

Rel-5  
current version: 5.9.0  
freeze\_meeting: RP-15  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: GODIN, Philippe  
MCC: CALDENHOVEN, Juergen  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-12	2001-07-06	5	.	0	.	0
RP-13	2001-10-12	5	.	1	.	0
RP-15	2002-04-02	5	.	2	.	0
RP-16	2002-06-28	5	.	3	.	0
RP-17	2002-09-30	5	.	4	.	0
RP-18	2003-01-03	5	.	5	.	0
RP-20	2003-06-17	5	.	6	.	0
RP-22	2004-01-13	5	.	7	.	0
RP-24	2004-06-23	5	.	8	.	0
RP-25	2004-09-24	5	.	9	.	0

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## TS 25.402 Synchronisation in UTRAN Stage 2

Rel-5  
current version: 5.3.0  
freeze\_meeting: RP-15  
remarks - general: New

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-20	2003-06-17	5	.	2	.	0
RP-22	2004-01-13	5	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.410 UTRAN lu interface: General Aspects and Principles

Rel-5  
current version: 5.4.0  
freeze\_meeting: RP-15  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: DIESEN, Michael  
MCC: CALDENHOVEN, Juergen  
MOTOROLA Ltd

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	0	0
RP-16	2002-06-28	5	1	0
RP-17	2002-09-30	5	2	0
RP-18	2003-01-03	5	3	0
RP-24	2004-06-18	5	4	0

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## TS 25.411 UTRAN lu interface layer 1

Rel-5  
current version: 5.1.0  
freeze\_meeting: RP-15

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	0	0
RP-25	2004-09-24	5	1	0

[get it](#)  
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## TS 25.412 UTRAN lu interface signalling transport

Rel-5  
current version: 5.2.0  
freeze\_meeting: RP-15

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: NG, Cheng Hock  
MCC: CALDENHOVEN, Juergen  
NEC Corporation

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	0	0
RP-17	2002-09-30	5	1	0
RP-26	2005-01-06	5	2	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-5  
current version: 5.10.0  
freeze\_meeting: RP-15

WG (prime / other): R3 / -  
G: U: yes

rapporteur: GUYOT, Olivier  
MCC: CALDENHOVEN, Juergen

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	0	0	
RP-16	2002-07-05	5	1	0	<a href="#">get it</a>
RP-17	2002-10-11	5	2	0	<a href="#">get it</a>
RP-18	2003-01-03	5	3	0	<a href="#">get it</a>
RP-19	2003-03-26	5	4	0	<a href="#">get it</a>
RP-20	2003-06-17	5	5	0	<a href="#">get it</a>
RP-21	2003-09-30	5	6	0	<a href="#">get it</a>
RP-22	2004-01-13	5	7	0	<a href="#">get it</a>
RP-23	2004-04-01	5	8	0	<a href="#">get it</a>
RP-24	2004-06-21	5	9	0	<a href="#">get it</a>
RP-25	2004-09-24	5	10	0	<a href="#">get it</a>

## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

WG (prime / other): R3 / -  
G: U: yes

rapporteur: ISRAELSSON, Martin  
MCC: CALDENHOVEN, Juergen

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	0	0	
RP-16	2002-06-28	5	1	0	<a href="#">get it</a>
RP-17	2002-09-30	5	2	0	<a href="#">get it</a>
RP-18	2003-01-03	5	3	0	<a href="#">get it</a>
RP-19	2003-03-26	5	4	0	<a href="#">get it</a>
RP-22	2004-01-13	5	5	0	<a href="#">get it</a>
RP-24	2004-06-18	5	6	0	<a href="#">get it</a>
RP-25	2004-09-24	5	7	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.415 UTRAN Iu interface user plane protocols

Rel-5  
current version: 5.4.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson  
MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-30	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-25	2004-09-24	5	.	4	.	0

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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc  
MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-15	2002-03-25	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-10-03	5	.	2	.	0
RP-19	2003-03-26	5	.	3	.	0
RP-20	2003-06-17	5	.	4	.	0
RP-21	2003-09-30	5	.	5	.	0
RP-22	2004-01-13	5	.	6	.	0
RP-23	2004-04-01	5	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.420 UTRAN Iur interface: General Aspects and Principles

Rel-5  
current version: 5.2.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: PALAT, Sudeep  
MCC: CALDENHOVEN, Juergen  
Lucent Technologies Network Systems UK  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0  
RP-17 2002-10-03 5 . 1 . 0  
RP-24 2004-06-18 5 . 2 . 0

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## TS 25.421 UTRAN Iur interface Layer 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-15 2002-03-25 5 . 0 . 0

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## TS 25.422 UTRAN Iur interface signalling transport

Rel-5  
current version: 5.1.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: PALAT, Sudeep  
MCC: CALDENHOVEN, Juergen  
Lucent Technologies Network Systems UK  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0  
RP-17 2002-10-03 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-5 current version: 5.12.0 R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson  
freeze\_meeting: RP-15 U: yes MCC: CALDENHOVEN, Juergen

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	
RP-16	2002-07-19	5	.	1	.	0	CRs needs PCG approval.
PCG post RP-16	2002-08-06	5	.	2	.	0	One CR endorsed by PCG
RP-17	2002-10-11	5	.	3	.	0	
RP-18	2003-01-03	5	.	4	.	0	
RP-19	2003-03-31	5	.	5	.	0	
RP-20	2003-06-17	5	.	6	.	0	
RP-21	2003-09-30	5	.	7	.	0	
RP-22	2004-01-22	5	.	8	.	0	
RP-23	2004-04-01	5	.	9	.	0	
RP-24	2004-06-23	5	.	10	.	0	
RP-25	2004-09-28	5	.	11	.	0	
RP-26	2005-01-06	5	.	12	.	0	

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## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-5 current version: 5.4.0 R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.  
freeze\_meeting: RP-15 U: yes MCC: CALDENHOVEN, Juergen

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	
RP-21	2003-09-30	5	.	2	.	0	
RP-22	2004-01-13	5	.	3	.	0	
RP-23	2004-04-01	5	.	4	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-5 current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-26	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	5	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	6	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	7	.	0	<a href="#">get it</a>

## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-5 current version: 5.6.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / - rapporteur: KEKKI, Sami NOKIA Corporation

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-21	2003-09-30	5	.	3	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	4	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	5	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	6	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

WG (prime / other): R3 / -  
G: U: yes

rapporteur: HAKULI, Tuomas NOKIA Corporation

MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	0	0
RP-18	2003-01-03	5	1	0
RP-21	2003-09-30	5	2	0
RP-22	2004-01-13	5	3	0

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## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

WG (prime / other): R3 / -  
G: U: yes

rapporteur: KOIZUMI, Yoshiko Fujitsu Limited

MCC: CALDENHOVEN, Juergen

remarks - this release:

current version: 5.4.0  
freeze\_meeting: RP-15

remarks - general:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	0	0
edito post RP-15		5	0	1
RP-16	2002-06-28	5	1	0
RP-17	2002-10-03	5	2	0
RP-24	2004-06-18	5	3	0
RP-25	2004-09-24	5	4	0

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not produced  
To include CR029r2 from RP-15 which was forgotten in v5.0.0.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.431 UTRAN lub interface Layer 1

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-03-25 5 . 0 . 0

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## TS 25.432 UTRAN lub interface: signalling transport

Rel-5 current version: 5.1.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KOIZUMI, Yoshiko

MCC: CALDENHOVEN, Juergen

Fujitsu Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-03-25 5 . 0 . 0

edito post RP-15 2002-04-03 5 . 0 . 1

RP-17 2002-10-03 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 current version: 5.11.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rapporteur: SEHEDIC, Yann  
MCC: CALDENHOVEN, Juergen

Nortel Networks Germany GmbH & Co. KG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-04	5	.	0	.	0	2003-08-18: implementation error of CR60911. Will be corrected RP-21.
RP-16	2002-07-19	5	.	1	.	0	
RP-17	2002-10-11	5	.	2	.	0	
RP-18	2003-01-03	5	.	3	.	0	
RP-19	2003-03-31	5	.	4	.	0	
RP-20	2003-06-17	5	.	5	.	0	
RP-21	2003-10-02	5	.	6	.	0	
RP-22	2004-01-22	5	.	7	.	0	
RP-23	2004-04-01	5	.	8	.	0	
RP-24	2004-06-23	5	.	9	.	0	
RP-25	2004-09-28	5	.	10	.	0	
RP-26	2005-01-06	5	.	11	.	0	

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## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-5 current version: 5.4.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: LAVASANI, Shahab  
MCC: CALDENHOVEN, Juergen

TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	
RP-21	2003-09-30	5	.	2	.	0	
RP-22	2004-01-13	5	.	3	.	0	
RP-23	2004-04-01	5	.	4	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-5  
current version: 5.7.0  
freeze\_meeting: RP-15

WG (prime / other): R3 / - rapporteur: STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-10-03	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-19	2003-03-26	5	.	4	.	0
RP-20	2003-06-17	5	.	5	.	0
RP-22	2004-01-13	5	.	6	.	0
RP-23	2004-04-01	5	.	7	.	0

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## TS 25.442 UTRAN implementation-specific O&M transport

Rel-5  
current version: 5.1.0  
freeze\_meeting: RP-15

WG (prime / other): R3 / - rapporteur: HAUSER, Alexander

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-28	5	.	0	.	0
edito post RP-15		5	.	0	.	1
RP-17	2002-10-03	5	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.450 UTRAN lupo interface general aspects and principles

Rel-5  
freeze\_meeting: RP-15

remarks - general:

history (event, available, version, comments, hyperlink):

RP-12	2	0	0	0	RP-010400
RP-12	2001-07-05	5	0	0	
RP-14	2002-01-11	5	1	0	

## TS 25.451 UTRAN lupo interface layer 1

Rel-5  
freeze\_meeting: RP-15

remarks - general:

history (event, available, version, comments, hyperlink):

RP-12	2	0	0	0	RP-010401
RP-12	2001-07-05	5	0	0	
correction to	2002-04-24	5	0	1	

history table

## TS 25.452 UTRAN lupo interface: signalling transport

Rel-5  
freeze\_meeting: RP-15

remarks - general:

history (event, available, version, comments, hyperlink):

RP-13	2001-09-26	2	0	0	RP-010640
RP-13	2001-10-12	5	0	0	

WG (prime / other): R3 /

G: U: yes

rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

remarks - this release:

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WG (prime / other): R3 /

G: U: yes

rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

remarks - this release:

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WG (prime / other): R3 /

G: U: yes

rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.453 UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling

WG (prime / other): R3 /

G: U: yes

rapporteur: JOLLEY, Vincent

MCC: CALDENHOVEN, Juergen

QUALCOMM EUROPE S.A.R.L.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-12	2	.	0	.	0	RP-010402
RP-12	2001-07-05	5	.	0	.	0
RP-13	2001-10-12	5	.	1	.	0
RP-14	2002-01-11	5	.	2	.	0
RP-15	2002-03-25	5	.	3	.	0
RP-16	2002-06-28	5	.	4	.	0
RP-19	2003-03-26	5	.	5	.	0
RP-20	2003-06-17	5	.	6	.	0
RP-21	2003-09-30	5	.	7	.	0
RP-22	2004-01-13	5	.	8	.	0
RP-23	2004-04-06	5	.	9	.	0

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## TR 25.854 Uplink Synchronous Transmission Scheme (USTS)

WG (prime / other): R1 /

G: U: yes

rapporteur: KIM, Duk Kyung

MCC: ISHII, Yoshikazu

SK TELECOM

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	1	.	0	.	0	RP-010428 at RP-12
RP-13	2001-10-01	1	.	0	.	0	RP-010647
RP-14	2002-01-02	2	.	0	.	0	RP-010826
RP-14	2002-01-11	5	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.858 Physical layer aspects of UTRA High Speed Downlink Packet Access

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

WG (prime / other): R1 / -

GHOSH, Amitabha  
ISHII, Yoshikazu

Motorola Inc.

rappporteur:  
MCC:

U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-14	2002-01-02	1	0	0	0	RP-010823
RP-15	2002-04-04	2	0	0	0	RP-020255
RP-15	2002-03-29	5	0	0	0	

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## TR 25.859 User Equipment (UE) positioning enhancements for 1,28 Mcps TDD

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

WG (prime / other): R2 /

N, A

Indicate persons who left Company and wait for new  
One

rappporteur:

ARZELIER, Claude

MCC:

U: yes  
remarks - this release:

### remarks - general:

### history (event, available, version, comments, hyperlink):

draft		0	0	0	0	
draft	2001-09-04	0	1	0	0	
RP-13	2001-10-02	1	0	1	0	RP-010560
RP-15	2002-03-19	2	0	0	0	RP-020089
RP-15	2002-03-19	2	0	1	0	RP-020214
RP-15	2002-03-19	5	0	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.860 Radio access bearer support enhancements

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R2 / -

G: U: yes  
rapporteur: MIKOLA, Juha  
MCC: ARZELIER, Claude

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	1	.	0	.	0	RP-020087
RP-16	2002-06-25	2	.	0	.	0	RP-020344
RP-16	2002-06-17	5	.	0	.	0	

---

## TR 25.868 Node B synchronization for 1,28 Mcps TDD

Rel-5  
current version: 5.0.1  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / -

G: U: yes  
rapporteur: HU, Jinling  
MCC: ISHII, Yoshikazu

China Academy of Telecommunications Technology

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13	2001-10-01	1	.	0	.	0	RP-010668
RP-14	2002-01-02	1	.	1	.	0	RP-010898
RP-15	2002-03-19	1	.	1	.	1	RP-020202
RP-15	2002-03-29	5	.	0	.	0	
post RP-15	editorial	2002-04-15	5	.	0	.	1

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.870 Enhancement on the DSCH Hard Split mode

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

WG (prime / other): R1 /  
G: U: yes

rapporteur: KIM, Jaeyoel  
MCC: ISHII, Yoshikazu

Samsung Electronics Ind. Co., Ltd.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-12	2001-06-28	0	.	1	.	0	RP-010420
draft	2001-09-14	1	.	0	.	0	RP-010534
RP-14	2002-01-02	1	.	1	.	0	RP-010841
RP-15	2002-03-19	2	.	0	.	0	RP-020127
RP-15	2002-03-29	5	.	0	.	0	

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## TR 25.875 NAS node selector function

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

WG (prime / other): R3 /  
G: U: yes

rapporteur: MCWILLIAMS, Brendan  
MCC: CALDENHOVEN, Juergen

VODAFONE Group Plc

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	0	.	0	.	1	
RP-14	2002-01-02	1	.	0	.	0	RP-010881
RP-15	2002-03-19	2	.	0	.	0	RP-020153
RP-15	2002-03-25	5	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.877 High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects

WG (prime / other): R3 /

rapporteur: DIESEN, Michael

MOTOROLA Ltd

current version: 5.1.0

MCC:

U: yes

CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2001-10-12	0	.	1	.	0	
draft	2001-11-07	0	.	2	.	2	
draft	2002-01-02	0	.	3	.	1	
RP-15	2002-02-28	1	.	0	.	0	R3-020891 = RP-020157
RP-15	2002-02-28	2	.	0	.	0	R3-020892 = RP-020158
RP-15	2002-03-25	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	

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## TR 25.878 RL timing adjustment

WG (prime / other): R3 /

rapporteur: VOLTOLINA, Elena Eva

Telefon AB LM Ericsson

current version: 5.1.0

MCC:

U: yes

CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

R3-23	2002-01-11	0	.	2	.	0	awaiting input from RAN1 & RAN2.
RP-15	2002-03-19	1	.	0	.	0	RP-020139
RP-15	2002-03-19	2	.	0	.	0	RP-020140
RP-15	2002-03-25	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.879 Separation of resource reservation and radio link activation

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

WG (prime / other): R3 /

rporteur: VAN LIESHOUT, Gert-Jan SAMSUNG Electronics Research Institute

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

R3-23	0	.	2	.	0	Status report in RP-010608.
draft 2001-12-03	0	.	3	.	0	
draft 2001-12-03	0	.	3	.	1	<a href="#">get it</a>
RP-15 2002-03-19	1	.	0	.	0	RP-020142
RP-15 2002-03-19	2	.	0	.	0	RP-020143
RP-15 2002-03-25	5	.	0	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.880 Re-arrangement of lub transport bearers

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

remarks - general: 2003-01: title changed from "Traffic termination point swapping" some time ago.  
WG (prime / other): R3 /  
G: U: yes  
rapporteur: HAUTALA, Jari  
MCC: CALDENHOVEN, Juergen  
NOKIA Corporation

history (event, available, version, comments, hyperlink):

draft	0	0	1	
R3-21	0	0	2	
R3-21	0	1	0	RP-010609
R3-23	0	1	1	
R3-24	0	2	0	
draft	0	2	1	
R3-25	0	3	0	
draft 2002-01-11	0	3	0	<a href="#">get it</a>
draft	0	3	1	
R3-26	0	4	0	
draft	0	4	1	
draft	0	4	2	
R3-27	0	5	0	
draft	0	5	1	
RP-15 2002-03-19	1	0	0	RP-020145
RP-15 2002-03-19	2	0	0	RP-020146
RP-15 2002-03-25	5	0	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.881 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS

WG (prime / other): R3 /  
G: U: yes

current version: 5.0.0  
freeze\_meeting: RP-15

rapporteur: HWANG, Woonhee  
MCC: CALDENHOVEN, Juergen

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

R3-23	0	2	0	0	Status report in RP-010611
draft	0	4	0	0	
draft	0	4	1	04/12/2001	
RP-14	2002-01-02	1	0	0	RP-010922
RP-14	2002-01-02	2	0	0	RP-010923
RP-14	2002-01-09	5	0	0	

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## TR 25.882 1,28 Mcps TDD option base station classification

WG (prime / other): R4 /  
G: U: yes

current version: 5.0.0  
freeze\_meeting: RP-15

rapporteur: MEYER, Juergen  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-13	2001-10-01	1	0	0	RP-010645
RP-14	2002-01-02	1	1	0	RP-010810
RP-16	2002-06-25	2	0	0	RP-020353
RP-16	2002-07-03	5	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.883 Direct Transport Bearers Between SRNC and Node-B

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-16

WG (prime / other): R3 / rapporteur: VAN LIESHOUT, Gert-Jan SAMSUNG Electronics Research Institute

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2001-12-03	0	2	0	
RP-16	2002-06-25	1	0	0	RP-020392
RP-16	2002-06-25	2	0	0	RP-020393
RP-16	2002-06-25	2	0	1	RP-020452
RP-16	2002-06-28	5	0	0	

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## TR 25.884 lur Neighbouring cell reporting efficiency optimisation

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-16

WG (prime / other): R3 / rapporteur: VOLTOLINA, Elena Eva Telefon AB LM Ericsson  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general: Previous rapporteur: Shahrokh Amirijoo.  
remarks - this release:

history (event, available, version, comments, hyperlink):

referred to at RP-13 2002-01-11 0 . 1 . 0 Status report in RP-010606

RP-15	2002-03-19	1	0	0	RP-020152
RP-15	2002-03-19	2	0	0	RP-020153
RP-15	2002-04-02	5	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.921 Guidelines and principles for protocol description and error handling

Rel-5  
current version: 5.5.0  
freeze\_meeting: RP-15

WG (prime / other): R2 / -

U: yes  
rapporteur: BARRETO, Luis  
MCC: ARZELIER, Claude

G: NOKIA UK Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	0	0
RP-18	2003-01-13	5	1	0
RP-21	2003-10-02	5	2	0
RP-22	2004-01-12	5	3	0
RP-23	2004-03-26	5	4	0
RP-24	2004-06-17	5	5	0

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## TR 25.922 Radio resource management strategies

Rel-5  
current version: 5.3.0  
freeze\_meeting: RP-15

WG (prime / other): R2 / -

U: yes  
rapporteur: HUS, Olivier  
MCC: ARZELIER, Claude

G: Philips Research Laboratories

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	0	0
RP-21	2003-10-02	5	1	0
RP-22	2004-01-12	5	2	0
RP-23	2004-03-24	5	3	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series) ACTIVE specs Rel-5 25 .- series

## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-5  
freeze\_meeting: RP-15

WG (prime / other): R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0  
RP-16 2002-06-28 5 . 1 . 0

## TR 25.933 IP transport in UTRAN

Rel-5  
freeze\_meeting: RP-15

WG (prime / other): R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release: 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon). 2004-11: WG Secretary indicates this will not need to be upgraded to Rel-6. 2004-11: confirmed by WG.

history (event, available, version, comments, hyperlink):

RP-15 2002-03-28 5 . 0 . 0  
RP-16 2002-06-28 5 . 1 . 0  
RP-17 2002-10-03 5 . 2 . 0  
RP-20 2003-06-17 5 . 3 . 0  
RP-22 2004-01-13 5 . 4 . 0

## TR 25.942 Radio Frequency (RF) system scenarios

Rel-5  
freeze\_meeting: RP-15

WG (prime / other): R4 / - rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

remarks - general: Additional rapporteur = A.De Pasquale.

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0  
RP-16 2002-07-03 5 . 1 . 0  
RP-23 2004-04-01 5 . 2 . 0  
RP-24 2004-06-24 5 . 3 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.943

Rel-5

### Deployment aspects

current version: 5.1.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -

rapporteur: SKÖLD, Johan

MCC: GUTIERREZ MIGUELEZ, Cesar

Telefon AB LM Ericsson

U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0

edito 2002-05-03 5 . 0 . 1

RP-16 2002-07-03 5 . 1 . 0

## TR 25.945

Rel-5

### RF requirements for low chip rate TDD option

current version: 5.1.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -

rapporteur: ZHANG, Daijun

MCC: GUTIERREZ MIGUELEZ, Cesar

China Academy of Telecommunications Technology

U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0

RP-23 2004-04-01 5 . 1 . 0

## TR 25.952

Rel-5

### Base Station classification (TDD)

current version: 5.2.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 / -

rapporteur: AXNESS, Timothy

MCC: GUTIERREZ MIGUELEZ, Cesar

INTERDIGITAL COMMUNICATIONS CORPORATION

U: yes

remarks - this release: promoted from Rel-4 at RP-12.

history (event, available, version, comments, hyperlink):

RP-12 2 . 0 . 0 RP-010457

RP-12 2001-06-29 5 . 0 . 0

RP-16 2002-07-03 5 . 1 . 0

RP-19 2003-04-04 5 . 2 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
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## TR 25.956 Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis

WG (prime / other): R4 / -  
G: U: yes

rapporteur: GARCIA LOPEZ, Lorena TELEFONICA S.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15 2002-04-02 5 . 0 . 0

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## TR 25.991

Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment

WG (prime / other): R4 /  
G: U: yes

rapporteur: MOSHAVI, Shimon INTEL CORPORATION SARL  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-14 2002-01-02 1 . 0 . 0 RP-010892  
RP-15 2002-03-19 2 . 0 . 0 RP-020121  
RP-15 2002-04-02 5 . 0 . 0  
RP-18 2003-01-10 5 . 1 . 0

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## TR 25.993

Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

WG (prime / other): R2 /  
G: U: yes

rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
MCC: ARZELIER, Claude

remarks - general:

remarks - this release: Pointer to latest release version.

history (event, available, version, comments, hyperlink):

RP-18 2003-01-13 5 . 0 . 0 Back creation from Rel-6 version  
RP-22 2004-01-12 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.994** **Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults**  
Rel-5 *current version:* 0.0.0 / R1, *rappporteur:* COURAU, François  
*freeze\_meeting:* SP-15 R3, R4 ALCATEL S.A.

*remarks - general:* RP-20: Primary responsibility moved from RP to R2.  
G: U: yes MCC: ARZELIER, Claude  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
RP-18 2003-01-06 0 . 0 . 0 RP-020880 [get it](#)

---

**TR 25.995** **Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface**  
Rel-5 *current version:* 0.0.1 / R1, *rappporteur:* COURAU, François  
*freeze\_meeting:* SP-15 R3, R4 ALCATEL S.A.

*remarks - general:* RP-20: Primary responsibility moved from RP to R2.  
G: U: yes MCC: ARZELIER, Claude  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 1

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Rel-5 **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.071 AMR speech Codec; General description

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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## TS 26.073 AMR speech Codec; C-source code

Rel-5  
current version: 5.3.0  
freeze\_meeting: SP-16  
remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0  
SP-19 2003-04-04 5 . 1 . 0  
SP-21 2003-10-02 5 . 2 . 0  
SP-23 2004-04-01 5 . 3 . 0

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[get it](#)

Note missing C-code line in CR which created this version has been corrected by WG Secretary.

[get it](#)

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## TS 26.074 AMR speech Codec; Test sequences

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.077** Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder  
Rel-5 current version: 5.0.1  
freeze\_meeting: SP-16  
TELECOM ITALIA S.p.A.

remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0  
correct spelling 2003-06-17 5 . 0 . 1 No SDO publication necessary  
mistake in title

[get it](#)  
[get it](#)

---

**TS 26.090** AMR speech Codec; Transcoding Functions

Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

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**TS 26.091** AMR speech Codec; Error concealment of lost frames

Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

rappporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 5.2.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

rappporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0  
SP-17 2002-09-24 5 . 1 . 0  
SP-18 2003-01-03 5 . 2 . 0

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[get it](#)  
[get it](#)

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## TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

rappporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.101

Rel-5

**Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**

current version: 5.0.0

freeze\_meeting: SP-16

WG (prime / other): S4 / -

G: U: yes

rapporteur: HAGQVIST, Jari

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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## TS 26.102

Rel-5

**Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

current version: 5.2.0

freeze\_meeting: SP-16

WG (prime / other): S4 / -

G: yes U: yes

rapporteur: NAVARRO, William

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

SP-18 2003-01-03 5 . 1 . 0 [get it](#)

SP-19 2003-04-04 5 . 2 . 0 [get it](#)

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.103 Speech codec list for GSM and UMTS

Rel-5 current version: 5.6.0

freeze\_meeting: SP-15

remarks - general: New after TSG#5

WG (prime / other): S4 / - rapporteur: HELLWIG, Karl

G: yes U: yes

MCC:

Telefon AB LM Ericsson

USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	5	.	0	.	0
SP-15	2002-03-28	5	.	1	.	0
SP-16	2002-06-28	5	.	2	.	0
SP-17	2002-09-24	5	.	3	.	0
SP-18	2003-01-03	5	.	4	.	0
SP-25	2004-09-30	5	.	5	.	0
SP-26	2005-01-06	5	.	6	.	0

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## TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

Rel-5 current version: 5.4.0

freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -

G: yes U: yes

TELECOM ITALIA S.p.A.

USAI, Paolino

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-28	5	.	0	.	0
SP-19	2003-04-04	5	.	1	.	0
SP-20	2003-06-25	5	.	2	.	0
SP-22	2004-01-06	5	.	3	.	0
SP-23	2004-04-01	5	.	4	.	0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.110 Codec for circuit switched multimedia telephony service; General description

Rel-5 WG (prime / other): S4 / - rapporteur: ARONSON, Barry TOSHIBA CO  
current version: 5.0.0 G: yes U: yes MCC: USAI, Paolino  
freeze\_meeting: SP-16  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

Rel-5 WG (prime / other): S4 / - rapporteur: ARONSON, Barry TOSHIBA CO  
current version: 5.1.0 G: yes U: yes MCC: USAI, Paolino  
freeze\_meeting: SP-16  
remarks - general: CR at TSG#5  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
SP-20 2003-06-25 5 . 1 . 0 [get it](#)

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## TS 26.115 Echo control for speech and multimedia services

Rel-5 WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
current version: 5.0.0 G: yes U: yes MCC: USAI, Paolino  
freeze\_meeting: SP-16  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-5  
freeze\_meeting: SP-15

GOETZ, Ian  
USAI, Paolino  
TELLABS OPERATIONS INC.

WG (prime / other): S4 / -  
U: yes  
MCC:  
rapporteur:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	5	.	0	.	0
SP-13	2001-10-02	5	.	1	.	0
SP-17	2002-09-24	5	.	2	.	0

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## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-5  
freeze\_meeting: SP-15

GOETZ, Ian  
USAI, Paolino  
TELLABS OPERATIONS INC.

WG (prime / other): S4 / -  
U: yes  
MCC:  
rapporteur:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	5	.	0	.	0
SP-13	2001-10-02	5	.	1	.	0
SP-15	2002-03-28	5	.	2	.	0
SP-17	2002-09-24	5	.	3	.	0
SP-21	2003-10-01	5	.	4	.	0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.140 Multimedia Messaging Service (MMS); Media formats and codes

Rel-5  
WG (prime / other): S4 / T2  
G: yes U: yes  
reporteur: CASTAGNO, Roberto  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14	2002-01-02	1	.	0	.	0	SP-010695
SP-15	2002-03-19	2	.	0	.	0	SP-020075
SP-15	2002-03-28	5	.	0	.	0	
SP-16	2002-06-28	5	.	1	.	0	
SP-18	2003-01-03	5	.	2	.	0	

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## TS 26.171

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
reporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

### Speech codec speech processing functions; AdaptiveMulti-Rate - Wideband (AMR-WB) speech codec; General description

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-10		1	.	0	.	0	
SP-11	2001-04-10	5	.	0	.	0	

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ACTIVE specs Rel-5 26 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.173 ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec

Rel-5 current version: 5.9.0

freeze\_meeting: SP-15

remarks - general: 2001-10-01: added "G" flag.

WG (prime / other): S4 / -

rappporteur: EKUDDEN, Erik  
USAI, Paolino

MCC: Telefon AB LM Ericsson

U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	5	.	0	.	0	
SP-12	2001-06-27	5	.	1	.	0	
edito	2001-06-27	5	.	1	.	1	
SP-13	2001-10-02	5	.	2	.	0	
SP-14	2002-01-09	5	.	3	.	0	
SP-15	2002-03-28	5	.	4	.	0	
SP-18	2003-01-03	5	.	5	.	0	
SP-19	2003-04-04	5	.	6	.	0	
SP-20	2003-06-25	5	.	7	.	0	
SP-20	2003-06-27	5	.	7	.	1	Includes C-codel
SP-21	2003-10-01	5	.	8	.	0	
SP-26	2005-01-06	5	.	9	.	0	

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## TS 26.174 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences

Rel-5 current version: 5.4.0

freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S4 / -

rappporteur: EKUDDEN, Erik  
USAI, Paolino

MCC: Telefon AB LM Ericsson

U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	5	.	0	.	0	
SP-12	2001-06-27	5	.	1	.	0	
correction to test sequences	2001-11-12	5	.	1	.	1	
SP-14	2002-01-09	5	.	2	.	0	
SP-15	2002-03-28	5	.	3	.	0	
SP-18	2003-01-03	5	.	4	.	0	

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.190

Rel-5 **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions**  
current version: 5.1.0  
freeze\_meeting: SP-15  
G: yes U: yes  
WG (prime / other): S4 / -  
rapporteur: VACANT,  
MCC: USAI, Paolino  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0  
SP-14 2002-01-09 5 . 1 . 0

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## TS 26.191

Rel-5 **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames**  
current version: 5.1.0  
freeze\_meeting: SP-15  
G: yes U: yes  
WG (prime / other): S4 / -  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0  
SP-15 2002-03-28 5 . 1 . 0

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## TS 26.192

Rel-5 **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects**  
current version: 5.0.0  
freeze\_meeting: SP-15  
G: yes U: yes  
WG (prime / other): S4 / -  
rapporteur: VACANT,  
MCC: USAI, Paolino  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.193

Rel-5 **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation**  
current version: 5.0.0  
freeze\_meeting: SP-15  
Telefon AB LM Ericsson

remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes

rappporteur: EKUDDEN, Erik  
MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 5 . 0 . 0

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## TS 26.194

Rel-5 **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD)**  
current version: 5.0.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes

rappporteur: VACANT,  
MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 5 . 0 . 0

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## TS 26.201

Rel-5 **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure**  
current version: 5.0.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes

rappporteur: HAGQVIST, Jari  
MCC: USAI, Paolino

remarks - this release:

NOKIA Corporation

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 5 . 0 . 0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

**TS 26.202** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to lu, Uu and Nb**  
Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-15

NORTEL NETWORKS (EUROPE)  
NAVARRO, William  
USAI, Paolino

remarks - general:

U: yes  
G: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1	0	0	0
SP-11	2001-08-02	2	0	0
SP-11	2001-04-10	5	0	0
SP-17	2002-09-24	5	1	0

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**TS 26.204** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code**

Rel-5  
current version: 5.3.0  
freeze\_meeting: SP-15

Indicate persons who left Company and wait for new  
One

U: yes  
G: yes  
remarks - this release:

remarks - general:

MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14	2002-01-02	1	0	0
SP-15	2002-03-19	2	0	0
SP-15	2002-03-28	5	0	0
SP-19	2003-04-04	5	1	0
SP-21	2003-10-01	5	2	0
SP-26	2005-01-06	5	3	0

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.226 Cellular text telephone modem; General description

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
freeze\_meeting: SP-15  
rapporteur: HELLSTROM, Gunnar Omnitor AB  
MCC: USAI, Paolino  
remarks - general: SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text telephony (GTT); Transport of text in the voice channel".  
remarks - this release: TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4.

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0 [get it](#)

## TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
freeze\_meeting: SP-15  
rapporteur: HELLSTROM, Gunnar Omnitor AB  
MCC: USAI, Paolino  
remarks - general: SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text telephony (GTT); Cellular text telephone modem transmitter C-code description" to reflect document

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0 [get it](#)  
correct c-code 2001-05-29 5 . 0 . 1 [get it](#)  
remove copyright 2004-07-27 5 . 0 . 2 [get it](#)  
from C-code  
source files

## TS 26.231 Cellular text telephone modem; Minimum performance requirements

Rel-5  
WG (prime / other): S4 / -  
G: yes U: yes  
freeze\_meeting: SP-15  
rapporteur: HELLSTROM, Gunnar Omnitor AB  
MCC: USAI, Paolino  
remarks - general: SP-16: in "GERAN" set.  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-10 2000-12-21 1 . 0 . 0 [get it](#)  
SP-11 2001-04-10 5 . 0 . 0 [get it](#)  
SP-13 2001-10-02 5 . 1 . 0 [get it](#)  
SP-15 2002-03-28 5 . 2 . 0 [get it](#)  
edito post SP-26 2005-01-18 5 . 2 . 1 TR -> TS on cover page [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TS 26.233 End-to-end transparent streaming service; General description

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

WG (prime / other): S4 / -  
G: U: yes

rapporteur: HONKO, Harri  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15 2002-03-28 5 . 0 . 0

[get it](#)

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## TS 26.234 Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs

Rel-5  
current version: 5.6.0  
freeze\_meeting: SP-15

WG (prime / other): S4 / -  
G: U: yes

rapporteur: FRANCESCHI, Oile  
MCC: USAI, Paolino

Nippon Ericsson K.K.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15 2002-03-28 5 . 0 . 0  
SP-16 2002-06-28 5 . 1 . 0  
SP-17 2002-09-24 5 . 2 . 0  
SP-18 2003-01-03 5 . 3 . 0  
SP-19 2003-04-04 5 . 4 . 0  
SP-20 2003-06-25 5 . 5 . 0  
SP-21 2003-10-01 5 . 6 . 0

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## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-15

WG (prime / other): S4 / -  
G: yes U: yes

rapporteur: OJALA, Pasi  
MCC: USAI, Paolino

Nokia Research Center

remarks - general:

remarks - this release: SP-12: transferred to Rel-5.

history (event, available, version, comments, hyperlink):

SP-12 2001-06-27 5 . 0 . 0 based on v4.1.0  
SP-15 2002-03-28 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.236 Packet switched conversational multimedia applications; Transport protocols

Rel-5 current version: 5.5.0 freeze\_meeting: SP-15 WG (prime / other): S4 / - rapporteur: OJALA, Pasi USAI, Paolino Nokia Research Center

U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14	2002-01-02	1	.	0	.	0	SP-010694
SP-15	2002-03-19	2	.	0	.	0	SP-020074
SP-15	2002-03-28	5	.	0	.	0	
SP-18	2003-01-03	5	.	1	.	0	
SP-19	2003-04-04	5	.	2	.	0	
SP-20	2003-06-25	5	.	3	.	0	
SP-21	2003-10-01	5	.	4	.	0	
SP-24	2004-06-18	5	.	5	.	0	

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## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

Rel-5 current version: 5.1.0 freeze\_meeting: SP-16 WG (prime / other): S4 / - rapporteur: HAAVISTO, Petri USAI, Paolino Nokia Research Center

U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-28	5	.	0	.	0	
SP-19	2003-04-04	5	.	1	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TR 26.937 Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model

WG (prime / other): S4 / -  
G: U: yes

rapporteur: VARSÄ, Viktor  
USAI, Paolino

Nokia Telecommunications Inc.

freeze\_meeting: SP-15

remarks - general: 2003-01-14; WG Secretary reports that this TS should be approved at SP-19. SP-19: still under revision, anticipated for approval at SP-20.

### history (event, available, version, comments, hyperlink):

S4-19	2002-01-16	0	1	0	S4-010679
SP-18	2003-01-03	1	2	0	SP-020683
draft	2003-04-04	1	4	0	
S4-26	2003-06-17	1	5	0	S4-030369
SP-21	2003-09-29	2	0	0	SP-030443
SP-21	2003-10-08	5	0	0	

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## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

WG (prime / other): S4 / -  
G: yes U: yes

rapporteur: EKUDDEN, Erik  
USAI, Paolino

Telefon AB LM Ericsson

freeze\_meeting: SP-16

remarks - general: Replaces 26.075. 2001-10-02. Also for GSM.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-16	2002-06-28	5	0	0	
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

WG (prime / other): S4 / -

current version: 5.1.0

G: yes U: yes

rappporteur: VAINIO, Janne

NOKIA Corporation

USAI, Paolino

MCC:

remarks - this release:

freeze\_meeting: NP-16

remarks - general: Cf 26.975.

history (event, available, version, comments, hyperlink):

draft	0	0	0	1	
SP-12	2001-06-27	0	3	0	SP-010302
SP-14	2002-01-02	0	6	0	SP-010692
SP-17	2002-09-24	1	0	0	SP-020432
SP-18	2003-01-16	2	0	0	SP-020682
SP-18	2003-01-03	5	0	0	
SP-21	2003-10-01	5	1	0	

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Rel-5 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-5 current version: 5.8.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N3 / -

rapporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	2002-01-11	5	.	0	.	0
NP-15	2002-03-20	5	.	1	.	0
NP-16	2002-06-24	5	.	2	.	0
NP-17	2002-09-17	5	.	3	.	0
NP-18	2003-01-09	5	.	4	.	0
NP-19	2003-03-27	5	.	5	.	0
NP-20	2003-06-25	5	.	6	.	0
NP-21	2003-10-01	5	.	7	.	0
NP-24	2004-06-18	5	.	8	.	0

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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-5 current version: 5.0.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N3 / -

rapporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	2002-01-11	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15  
WG (prime / other): N3 / -  
G: yes U: yes  
rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-14 2002-01-11 5 . 0 . 0

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## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-5  
current version: 5.0.1  
freeze\_meeting: TP-15  
WG (prime / other): T2 / -  
G: yes U: yes  
rapporteur: HARRIS, Ian  
MCC: HAN, Seung Don  
Research In Motion Limited

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-16 2002-06-25 5 . 0 . 0  
edito post TP-26 2005-01-17 5 . 0 . 1 make figure 0.1 visible

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## TS 27.007 AT command set for User Equipment (UE)

Rel-5  
current version: 5.5.0  
freeze\_meeting: TP-15  
WG (prime / other): T2 / -  
G: yes U: yes  
rapporteur: VOTE, Nicola  
MCC: HAN, Seung Don  
NTT DoCoMo Inc.

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-14 2002-01-15 5 . 0 . 0  
TP-15 2002-04-04 5 . 1 . 0  
TP-18 2002-12-20 5 . 2 . 0  
TP-19 2003-03-31 5 . 3 . 0  
TP-21 2003-10-03 5 . 4 . 0  
TP-26 2005-01-03 5 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: 5.0.0

freeze\_meeting: TP-15

G: yes U: yes

MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-16 2002-06-26 5 . 0 . 0

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## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

current version: 5.6.0

freeze\_meeting: NP-15

G: yes U: yes

MCC: HAN, Seung Don

remarks - this release:

remarks - general: GPRS

history (event, available, version, comments, hyperlink):

NP-14 2002-01-11 5 . 0 . 0

NP-16 2002-06-24 5 . 1 . 0

NP-17 2002-09-17 5 . 2 . 0

NP-18 2003-01-09 5 . 3 . 0

NP-20 2003-06-23 5 . 4 . 0

NP-21 2003-10-01 5 . 5 . 0

NP-22 2004-01-13 5 . 6 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.103 Wide Area Network Synchronization

Rel-5  
current version: 5.0.0  
freeze\_meeting: TP-15

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes MCC: HAN, Seung Don

remarks - general: TP-26: Not to be upgraded to Rel-6.

history (event, available, version, comments, hyperlink):

TP-16 2002-06-26 5 . 0 . 0

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## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-5  
current version: 5.0.0  
freeze\_meeting: TP-15

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: HAN, Seung Don

remarks - general: TP-26: Not to be upgraded to Rel-6.

history (event, available, version, comments, hyperlink):

TP-16 2002-06-26 5 . 0 . 0

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Rel-5 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-5  
current version: 5.5.0  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
rapporteur: SUERBAUM, Clemens SIEMENS AG  
USAI, Paolino  
MCC:

G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	2	.	0	<a href="#">get it</a>
SP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
SP-21	2003-10-03	5	.	4	.	0	<a href="#">get it</a>
SP-26	2005-01-06	5	.	5	.	0	<a href="#">get it</a>

Attachment TFO\_Decision C-Code has  
known errors. Anticipate CRs at SP-27.

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Rel-5 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.002 Mobile Application Part (MAP) specification

Rel-5 current version: 5.10.0

freeze\_meeting: NP-15

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	2002-01-18	5	0	0	
NP-15	2002-04-04	5	1	0	<a href="#">get it</a>
NP-16	2002-06-21	5	2	0	<a href="#">get it</a>
NP-17	2002-09-24	5	3	0	<a href="#">get it</a>
NP-18	2003-01-09	5	4	0	<a href="#">get it</a>
NP-19	2003-04-04	5	5	0	<a href="#">get it</a>
NP-20	2003-07-04	5	6	0	<a href="#">get it</a>

delayed availability due to complexity of changes

Correct dangling connector in SDL 5 . 6 . 1

Mention of some CRs had been omitted from change history table 5 . 6 . 2

5 . 6 . 2

5 . 6 . 2

5 . 6 . 2

5 . 6 . 2

NP-21 2003-10-09 5 . 7 . 0

NP-22 2004-01-13 5 . 8 . 0

NP-23 2004-03-23 5 . 9 . 0

NP-24 2004-06-17 5 . 10 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-5 current version: 5.10.0

freeze\_meeting: NP-15

WG (prime / other): N3 / -

rappporteur: BELLING, Thomas

MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	2002-01-11	5	.	0	.	0	.	0
NP-15	2002-03-20	5	.	1	.	0	.	0
NP-16	2002-06-28	5	.	2	.	0	.	0
NP-17	2002-09-17	5	.	3	.	0	.	0
NP-18	2003-01-09	5	.	4	.	0	.	0
NP-19	2003-03-27	5	.	5	.	0	.	0
NP-20	2003-06-23	5	.	6	.	0	.	0
NP-21	2003-10-01	5	.	7	.	0	.	0
NP-22	2004-01-22	5	.	8	.	0	.	0
NP-23	2004-03-22	5	.	9	.	0	.	0
NP-24	2004-06-18	5	.	10	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series) ACTIVE specs Rel-5 29 .- series

**TS 29.010** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling  
Rel-5 current version: Procedures and the Mobile Application Part (MAP) 5.7.0WG (prime / other): N4 / - KYMALAINEN, Kimmo  
TeliaSonera AB

freeze\_meeting: NP-15  
remarks - general: Transfer>TSG#4 (transfer??)

G: yes U: yes  
MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-21	5	.	0	.	0
NP-17	2002-09-18	5	.	1	.	0
NP-18	2003-01-07	5	.	2	.	0
NP-20	2003-06-27	5	.	3	.	0
Implemented CR	2003-07-04	5	.	3	.	1
29.010-090	removed					

NP-21	2003-10-09	5	.	4	.	0
NP-22	2004-01-12	5	.	5	.	0
NP-23	2004-03-23	5	.	6	.	0
NP-25	2004-09-30	5	.	7	.	0

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**TS 29.011** Signalling Interworking for Supplementary Services

Rel-5 current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-25	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

Rel-5  
WG (prime / other): N4 / -  
current version: 5.0.0  
freeze\_meeting: NP-15  
G: yes U: yes  
remarks - general: Transfer>TSG#4  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

Rel-5  
WG (prime / other): N1 / -  
current version: 5.0.0  
freeze\_meeting: NP-15  
G: yes U: yes  
remarks - general: VODAFONE LTD  
rapporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-26 5 . 0 . 0

[get it](#)

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## TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

Rel-5  
WG (prime / other): N1 / -  
current version: 5.5.0  
freeze\_meeting: NP-15  
G: yes U: yes  
remarks - general: VODAFONE LTD  
rapporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-14 2002-01-04 5 . 0 . 0  
NP-15 2002-03-19 5 . 1 . 0  
NP-16 2002-06-26 5 . 2 . 0  
NP-18 2002-12-18 5 . 3 . 0  
NP-20 2003-07-03 5 . 4 . 0  
NP-21 2003-10-10 5 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

WG (prime / other): N4 / -

rapporteur: KYMALAINEN, Kimmo TellaSonera AB

freeze\_meeting: NP-15

MCC: KYMALAINEN, Kimmo

remarks - general:

U: yes  
G: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	editorial	2002-01-11	5	.	0	.	0	.	0
NP-15	editorial	2002-01-18	5	.	0	.	1	.	0
NP-16	editorial	2002-03-28	5	.	1	.	0	.	0
NP-17	editorial	2002-06-21	5	.	2	.	0	.	0
NP-18	editorial	2002-09-18	5	.	3	.	0	.	0
NP-19	editorial	2003-01-07	5	.	4	.	0	.	0
NP-20	editorial	2003-04-04	5	.	5	.	0	.	0
NP-21	editorial	2003-06-27	5	.	6	.	0	.	0
NP-22	editorial	2003-10-09	5	.	7	.	0	.	0
NP-23	editorial	2004-01-12	5	.	8	.	0	.	0
NP-24	editorial	2004-03-24	5	.	9	.	0	.	0
NP-25	editorial	2004-06-15	5	.	10	.	0	.	0
NP-26	editorial	2004-09-30	5	.	11	.	0	.	0
NP-26	editorial	2005-01-07	5	.	12	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series) ACTIVE specs Rel-5 29 .- series

## TS 29.061

Rel-5

**Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)**

current version: 5.9.0

freeze\_meeting: NP-17

WG (prime / other): N3 / -

G: yes U: yes

rappporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general: Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".  
remarks - this release: NP-16: some indications from N3 report that this spec should not be considered frozen yet. So change freeze date from March 2002 to Sept 2002.

### history (event, available, version, comments, hyperlink):

NP-14	2002-01-14	5	.	0	.	0														<a href="#">get it</a>	
NP-15	2002-03-20	5	.	1	.	0															<a href="#">get it</a>
NP-16	2002-07-02	5	.	2	.	0															<a href="#">get it</a>
edito post NP-16	2002-07-25	5	.	2	.	1															<a href="#">get it</a>
NP-17	2002-09-17	5	.	3	.	0															<a href="#">get it</a>
NP-18	2003-01-09	5	.	4	.	0															<a href="#">get it</a>
NP-19	2003-03-27	5	.	5	.	0															<a href="#">get it</a>
NP-20	2003-06-23	5	.	6	.	0															<a href="#">get it</a>
NP-21	2003-10-01	5	.	7	.	0															<a href="#">get it</a>
NP-22	2004-01-15	5	.	8	.	0															<a href="#">get it</a>
NP-24	2004-06-18	5	.	9	.	0															<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.078 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification

WG (prime / other): N4 / - rapporteur: NOLDUS, Rogier Telefon AB LM Ericsson

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: NP-24: txferred to N4 on closure of N2.

freeze\_meeting: NP-16

remarks - general: NP-24: txferred to N4 on closure of N2.

history (event, available, version, comments, hyperlink):

NP-16	2002-06-18	5	.	0	.	0
NP-17	2002-09-17	5	.	1	.	0
NP-18	2002-12-18	5	.	2	.	0
NP-19	2003-03-25	5	.	3	.	0
NP-20	2003-06-25	5	.	4	.	0
NP-21	2003-09-29	5	.	5	.	0
NP-22	2004-01-05	5	.	6	.	0
NP-22	2004-01-22	5	.	6	.	1
NP-23	2004-03-29	5	.	7	.	0
NP-24	2004-06-17	5	.	8	.	0
NP-25	2004-09-30	5	.	9	.	0

edito post NP-22 2004-01-22 5 . 6 . 1 Editorial corrections to ASN.1

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## TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

WG (prime / other): R3 / -

G: U: yes

freeze\_meeting: RP-15

remarks - general: TSG#8: Appeared as v2.0.0 (RP-000258)

rapporteur: VESELY, Alexander SIEMENS AG

MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-03-25	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-18	2003-01-03	5	.	2	.	0
RP-19	2003-03-26	5	.	3	.	0
RP-24	2004-06-18	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

WG (prime / other): N4 / -

rapporteur: AIKAWA, Shinichiro

MCC: KYMALAINEN, Kimmo

Fujitsu Limited

freeze\_meeting: NP-15

G: U: yes

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

WG (prime / other): N4 / -

rapporteur: MITAMURA, Kazuo

MCC: KYMALAINEN, Kimmo

NTT COMMWARE Corporation

freeze\_meeting: NP-15

G: U: yes

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

WG (prime / other): N5 /

G: U: yes

ALCATEL S.A.

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-26	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
N5-22	2003-04-04	5	.	1	.	1	(Introduction, Reference Titles)	<a href="#">get it</a>
NP-20	2003-06-18	5	.	2	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0		<a href="#">get it</a>
NP-22	2004-02-02	5	.	4	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions

Rel-5 current version: 5.9.1

freeze\_meeting: NP-15

ABARCA, Chelo

ZOICAS, Adrian

rappporteur:

WG (prime / other): N5 /

G: U: yes

MCC:

ALCATEL S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 5 . 0 . 0

NP-17 2002-10-01 5 . 1 . 0

add missing 2002-10-09 5 . 1 . 1

attachments post

NP-17

NP-19 2003-04-04 5 . 2 . 0

NP-20 2003-06-18 5 . 3 . 0

NP-21 2003-09-30 5 . 4 . 0

NP-22 2004-01-30 5 . 5 . 0

Late delivery (anticipated late 2004-02)  
due to dependencies external to MCC on  
programme code attachments (Java,  
CORBA).

NP-23b 2004-04-19 5 . 6 . 0

NP-24 2004-08-04 5 . 7 . 0

NP-25 2004-09-28 5 . 8 . 0

NP-26 2005-01-06 5 . 9 . 0

NP-26 2005-01-19 5 . 9 . 1 adds code attachments

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

WG (prime / other): N5 /

current version: 5.9.1

freeze\_meeting: NP-16

G: U: yes

ALCATEL S.A.

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-07-05	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	6	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	<a href="#">get it</a>

Late delivery (anticipated late 2004-02)  
due to dependencies external to MCC on  
programme code attachments (Java,  
CORBA).

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-04-1 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Call control common definitions

Rel-5 current version: 5.8.1  
freeze\_meeting: NP-16

WG (prime / other): N5 /

rporteur: ABARCA, Chelo

ALCATEL S.A.

G: U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-07-19	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0		<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-04-2 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control Service Capability Feature (SCF)

Rel-5 current version: 5.9.1  
freeze\_meeting: NP-16

WG (prime / other): N5 /

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-07-19	5	0	0	<a href="#">get it</a>
NP-17	2002-10-01	5	1	0	<a href="#">get it</a>
NP-19	2003-04-04	5	2	0	<a href="#">get it</a>
NP-20	2003-06-18	5	3	0	<a href="#">get it</a>
NP-21	2003-09-30	5	4	0	<a href="#">get it</a>
NP-22	2004-01-30	5	5	0	<a href="#">get it</a>
Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).					
NP-23b	2004-04-19	5	6	0	<a href="#">get it</a>
NP-24	2004-08-04	5	7	0	<a href="#">get it</a>
NP-25	2004-09-28	5	8	0	<a href="#">get it</a>
NP-26	2005-01-06	5	9	0	<a href="#">get it</a>
NP-26	2005-01-19	5	9	1	<a href="#">get it</a>

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-04-3 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control Service Capability Feature (SCF)

Rel-5 current version: 5.9.1  
freeze\_meeting: NP-16

WG (prime / other): N5 /

rporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-07-19	5	0	0	<a href="#">get it</a>
NP-17	2002-10-01	5	1	0	<a href="#">get it</a>
NP-19	2003-04-04	5	2	0	<a href="#">get it</a>
NP-20	2003-06-18	5	3	0	<a href="#">get it</a>
NP-21	2003-09-30	5	4	0	<a href="#">get it</a>
NP-22	2004-01-30	5	5	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	6	0	<a href="#">get it</a>
NP-24	2004-08-04	5	7	0	<a href="#">get it</a>
NP-25	2004-09-28	5	8	0	<a href="#">get it</a>
NP-26	2005-01-06	5	9	0	<a href="#">get it</a>
NP-26	2005-01-19	5	9	1	<a href="#">get it</a>

Late delivery (anticipated late 2004-02)  
due to dependencies external to MCC on  
programme code attachments (Java,  
CORBA).

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-04-4 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)

Rel-5 current version: 5.9.1

freeze\_meeting: NP-16

WG (prime / other): N5 /

rporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - general:

U: yes  
G: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-07-19	5	0	0	<a href="#">get it</a>
NP-17	2002-10-01	5	1	0	<a href="#">get it</a>
NP-19	2003-04-04	5	2	0	<a href="#">get it</a>
NP-20	2003-06-18	5	3	0	<a href="#">get it</a>
NP-21	2003-09-30	5	4	0	<a href="#">get it</a>
NP-22	2004-01-30	5	5	0	<a href="#">get it</a>
					Late delivery (anticipated late 2004-02)
					due to dependencies external to MCC on
					programme code attachments (Java,
					CORBA).
NP-23b	2004-04-19	5	6	0	<a href="#">get it</a>
NP-24	2004-08-04	5	7	0	<a href="#">get it</a>
NP-25	2004-09-28	5	8	0	<a href="#">get it</a>
NP-26	2005-01-06	5	9	0	<a href="#">get it</a>
NP-26	2005-01-19	5	9	1	<a href="#">get it</a>

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)

Rel-5 current version: 5.9.1

freeze\_meeting: NP-15

WG (prime / other): N5 /

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-26	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0		<a href="#">get it</a>
NP-23b	2004-04-19	5	.	6	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	adds code attachments	<a href="#">get it</a>

Late delivery (anticipated late 2004-02)  
due to dependencies external to MCC on  
programme code attachments (Java,  
CORBA).

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)

Rel-5 current version: 5.7.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-15 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-26	5	0	0	<a href="#">get it</a>
NP-17	2002-10-01	5	1	0	<a href="#">get it</a>
NP-19	2003-04-04	5	2	0	<a href="#">get it</a>
NP-21	2003-09-30	5	3	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	4	0	<a href="#">get it</a>
NP-24	2004-08-04	5	5	0	<a href="#">get it</a>
NP-25	2004-09-28	5	6	0	<a href="#">get it</a>
NP-26	2005-01-06	5	7	0	<a href="#">get it</a>
NP-26	2005-01-19	5	7	1	<a href="#">get it</a>

adds code attachments

## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)

Rel-5 current version: 5.8.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-15 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15	2002-03-27	5	0	0	<a href="#">get it</a>
NP-16	2002-06-26	5	1	0	<a href="#">get it</a>
NP-17	2002-10-01	5	2	0	<a href="#">get it</a>
NP-19	2003-04-04	5	3	0	<a href="#">get it</a>
NP-21	2003-09-30	5	4	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	5	0	<a href="#">get it</a>
NP-24	2004-08-04	5	6	0	<a href="#">get it</a>
NP-25	2004-09-28	5	7	0	<a href="#">get it</a>
NP-26	2005-01-06	5	8	0	<a href="#">get it</a>
NP-26	2005-01-19	5	8	1	<a href="#">get it</a>

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)

Rel-5 current version: 5.8.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-15 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: freeze\_meeting: NP-15 / MCC: ZOICAS, Adrian  
remarks - this release: U: yes

history (event, available, version, comments, hyperlink):

NP-16	2002-06-26	5	.	0	.	0	
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	<a href="#">get it</a>

adds code attachments

## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)

Rel-5 current version: 5.7.1 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-15 / MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: freeze\_meeting: NP-15 / MCC: ZOICAS, Adrian  
remarks - this release: U: yes

history (event, available, version, comments, hyperlink):

NP-16	2002-07-05	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	4	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	5	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	6	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	7	.	1	<a href="#">get it</a>

adds code attachments

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)

Rel-5  
current version: 5.8.2  
freeze\_meeting: NP-16

ALCATEL S.A.

WG (prime / other): N5 /  
G: U: yes  
rappporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-07-05	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	4	.	0		<a href="#">get it</a>
							Late delivery (anticipated late 2004-02)	
							due to dependencies external to MCC on	
							programme code attachments (Java,	
							CORBA).	
NP-23b	2004-04-19	5	.	5	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	adds code attachments	<a href="#">get it</a>
NP-26	2005-01-25	5	.	8	.	2	updates history box	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-13 Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management Service Capability Feature (SCF)

Rel-5 current version: 5.6.1 rapporteur: ABARCA, Chelo

freeze\_meeting: NP-16

G: U: yes

MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:

history (event, available, version, comments, hyperlink):

draft 2002-01-29 0 . 0 . 1 N5-020036

draft 2002-04-22 1 . 0 . 0

NP-16 2002-05-31 2 . 0 . 0 NP-020195

NP-16 2002-06-17 5 . 0 . 0

NP-17 2002-10-01 5 . 1 . 0

NP-21 2003-09-30 5 . 2 . 0

NP-22 2004-01-30 5 . 3 . 0

Late delivery (anticipated late 2004-02)  
due to dependencies external to MCC on  
programme code attachments (Java,  
CORBA).

NP-23b 2004-04-19 5 . 4 . 0

NP-24 2004-08-04 5 . 5 . 0

NP-25 2004-09-28 5 . 6 . 0

edito post NP-26 2005-01-04 5 . 6 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) Service Capability Feature (SCF)

Rel-5  
current version: 5.7.1  
freeze\_meeting: NP-16

WG (prime / other): N5 /

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2002-04-22	1	.	0	.	0
NP-16	2002-05-31	2	.	0	.	0
NP-16	2002-06-17	5	.	0	.	0
NP-17	2002-10-01	5	.	1	.	0
NP-20	2003-06-18	5	.	2	.	0
NP-21	2003-09-30	5	.	3	.	0
NP-22	2004-01-30	5	.	4	.	0

Late delivery (anticipated late 2004-02)  
due to dependencies external to MCC on  
programme code attachments (Java,  
CORBA).

NP-23b	2004-04-19	5	.	5	.	0
NP-24	2004-08-04	5	.	6	.	0
NP-25	2004-09-28	5	.	7	.	0
edito post NP-26	2005-01-04	5	.	7	.	1

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## TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15

WG (prime / other): N4 /

rapporteur: ANGELO, Ciriaco

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-25	5	.	0	.	0
NP-17	2002-09-18	5	.	1	.	0
NP-18	2003-01-07	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3

Rel-5 current version: 5.1.0 / rapporteur: HEIDERMARK, Alf / Telefon AB LM Ericsson

freeze\_meeting: NP-15

MCC: KYMALAINEN, Kimmo

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0 [get it](#)  
NP-20 2003-06-27 5 . 1 . 0 [get it](#)

## TS 29.207 Policy control over Go interface

Rel-5 current version: 5.9.0

freeze\_meeting: NP-16

remarks - general: NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".

WG (prime / other): N3 / -

rapporteur: RÄSÄNEN, Juha

MCC: HAN, Seung Don

NOKIA Corporation

history (event, available, version, comments, hyperlink):

draft 2001-11-08 0 . 2 . 0 [get it](#)  
draft 2002-01-14 0 . 5 . 0 [get it](#)  
draft 2002-02-18 0 . 6 . 0 [get it](#)  
NP-15 2002-03-19 1 . 0 . 0 NP-020078 [get it](#)  
draft 2002-04-18 1 . 1 . 0 [get it](#)  
NP-16 2002-06-26 2 . 0 . 0 NP-020167 (RFC ref needs cleaning up) [get it](#)  
NP-16 2002-06-28 5 . 0 . 0 [get it](#)  
NP-17 2002-09-19 5 . 1 . 0 [get it](#)  
NP-18 2003-01-14 5 . 2 . 0 [get it](#)  
NP-19 2003-03-27 5 . 3 . 0 [get it](#)  
NP-20 2003-06-25 5 . 4 . 0 [get it](#)  
NP-21 2003-10-08 5 . 5 . 0 [get it](#)  
edito post NP-21 2003-10-09 5 . 5 . 1 [get it](#)  
NP-22 2004-01-13 5 . 6 . 0 [get it](#)  
NP-23 2004-03-22 5 . 7 . 0 [get it](#)  
NP-24 2004-06-18 5 . 8 . 0 [get it](#)  
NP-25 2004-09-28 5 . 9 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.208 End to end Quality of Service (QoS) signalling flows

Rel-5 current version: 5.9.0  
freeze\_meeting: NP-16

WG (prime / other): N3 /  
G: yes U: yes

rapporteur: SILLANPÄÄ, Anna  
MCC: HAN, Seung Don

NOKIA Corporation

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2001-11-08	0	1	0	<a href="#">get it</a>	
draft	2002-01-14	0	2	0	<a href="#">get it</a>	
draft	2002-02-18	0	3	1	<a href="#">get it</a>	
NP-15	2002-03-19	1	0	0	NP-020079	
draft	2002-04-18	1	1	0	<a href="#">get it</a>	
NP-16	2002-06-26	2	0	0	NP-020166	
NP-16	2002-06-28	5	0	0	<a href="#">get it</a>	
NP-17	2002-09-18	5	1	0	<a href="#">get it</a>	
NP-18	2003-01-09	5	2	0	<a href="#">get it</a>	
NP-19	2003-03-27	5	3	0	<a href="#">get it</a>	
editorial post	NP-19	2003-04-09	5	3	1	<a href="#">get it</a>
NP-20	2003-06-23	5	4	0	<a href="#">get it</a>	
NP-21	2003-10-08	5	5	0	<a href="#">get it</a>	
edito post	NP-21	2003-10-09	5	5	1	<a href="#">get it</a>
NP-22	2004-01-22	5	6	0	<a href="#">get it</a>	
NP-23	2004-03-22	5	7	0	<a href="#">get it</a>	
NP-24	2004-06-18	5	8	0	<a href="#">get it</a>	
NP-26	2005-01-07	5	9	0	<a href="#">get it</a>	

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-5 current version: 5.10.0 WG (prime / other): N4 /

freeze\_meeting: NP-16

rapporteur: PALLARES LÓPEZ, Miguel Angel

Telefon AB LM Ericsson

KYMALAINEN, Kimmo

MCC:

G: yes U: yes

remarks - this release:

remarks - general: Additional rapporteur: Miguel-Angel Pallares-Lopez

### history (event, available, version, comments, hyperlink):

NP-12	2001-07-04	0	1	0	NP-010303	<a href="#">get it</a>
N4-08		0	2	0	N4-010697	
N4-09		0	3	0	N4-010837	
N4-11		0	4	0	N4-011295	
draft		0	5	0	N4-01407	
NP-14	2002-01-02	1	0	0	NP-010627	<a href="#">get it</a>
draft	2002-03-28	1	1	0		<a href="#">get it</a>
NP-16	2002-06-25	2	0	0	NP-020264	<a href="#">get it</a>
NP-16	2002-06-25	5	0	0		<a href="#">get it</a>
NP-17	2002-09-17	5	1	0		<a href="#">get it</a>
NP-18	2003-01-07	5	2	0		<a href="#">get it</a>
NP-19	2003-04-07	5	3	0		<a href="#">get it</a>
NP-20	2003-06-27	5	4	0		<a href="#">get it</a>
NP-21	2003-10-09	5	5	0		<a href="#">get it</a>
NP-22	2004-01-12	5	6	0		<a href="#">get it</a>
NP-23	2004-03-24	5	7	0		<a href="#">get it</a>
NP-24	2004-06-15	5	8	0		<a href="#">get it</a>
NP-25	2004-09-28	5	9	0		<a href="#">get it</a>
NP-26	2004-12-23	5	10	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.229 Cx and Dx interfaces based on the Diameter protocol; Protocol details

Rel-5  
WG (prime / other): N4 / -  
current version: 5.9.0  
freeze\_meeting: NP-16  
rapporteur: PALLARES LÓPEZ, Miguel Angel  
Telefon AB LM Ericsson  
KYMALAINEN, Kimmo  
MCC:

G: yes U: yes  
remarks - this release:

remarks - general: 2nd rapporteur: CZOMA, Balazs.

history (event, available, version, comments, hyperlink):

N4-09	0	1	0	N4-010932
N4-10	0	2	0	N4-011064
N4-11	0	3	0	N4-011296
N4-11	0	4	0	N4-011408
NP-14	2002-01-02	1	0	NP-010628
draft	2002-03-28	1	1	0
NP-16	2002-06-26	2	0	0
NP-16	2002-06-25	5	0	0
NP-17	2002-09-18	5	1	0
NP-18	2003-01-07	5	2	0
NP-19	2003-04-07	5	3	0
NP-20	2003-06-27	5	4	0
NP-21	2003-10-10	5	5	0
NP-22	2004-01-12	5	6	0
NP-24	2004-06-15	5	7	0
NP-25	2004-09-28	5	8	0
NP-26	2004-12-23	5	9	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-5 current version: 5.9.0

freeze\_meeting: NP-15

WG (prime / other): N4 / -

rapporteur: PARK, Ian David

Chalmers  
KYMALAINEN, Kimmo

VODAFONE LTD

G: U: yes

MCC:

remarks - this release:

remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT

history (event, available, version, comments, hyperlink):

NP-14	2002-01-11	5	0	0	
NP-14	editorial	5	0	1	<a href="#">get it</a>
NP-15	2002-03-28	5	1	0	<a href="#">get it</a>
NP-16	2002-06-21	5	2	0	<a href="#">get it</a>
NP-17	2002-09-18	5	3	0	<a href="#">get it</a>
NP-18	2003-01-07	5	4	0	<a href="#">get it</a>
NP-19	2003-04-04	5	5	0	<a href="#">get it</a>
NP-20	2003-06-27	5	6	0	<a href="#">get it</a>
NP-23	2004-03-23	5	7	0	<a href="#">get it</a>
NP-25	2004-09-30	5	8	0	<a href="#">get it</a>
NP-26	2004-12-23	5	9	0	<a href="#">get it</a>

## TS 29.278

Rel-5 current version: 5.3.0

freeze\_meeting: NP-18

## customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)

WG (prime / other): N4 / -

rapporteur: REMOQUILLO, Angelica

Lucent Technologies  
KYMALAINEN, Kimmo

MCC:

G: yes U: yes

remarks - this release:

TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.

remarks - general: NP-16 Existence hinted at in N2 report. Draft believed to have been seen at

N2. NP-24: txferrred to N4 on closure of N2.

history (event, available, version, comments, hyperlink):

N2-25		0	1	0	
NP-17	2002-09-24	2	0	0	NP-020349
NP-17	2002-09-17	5	0	0	
NP-18	2003-01-10	5	1	0	
NP-19	2003-03-25	5	2	0	
NP-25	2004-09-30	5	3	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series) ACTIVE specs Rel-5 29 .- series

## TS 29.328 IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents

Rel-5 current version: 5.8.0 freeze\_meeting: NP-16 rapporteur: BERRY, Nigel, H Lucent Technologies Network Systems UK

remarks - general: NP-21: Title changed to include Dh interface as well as Sh. MCC: KYMALAINEN, Kimmo

WG (prime / other): N4 / -

G: yes U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 2 . 0 . 0 NP-020277 [get it](#)

NP-16 2002-06-25 5 . 0 . 0 [get it](#)

NP-17 2002-09-18 5 . 1 . 0 [get it](#)

NP-18 2003-01-07 5 . 2 . 0 [get it](#)

NP-18 2003-01-08 5 . 2 . 1 [get it](#)

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annex E post NP-

18

NP-19 2003-04-07 5 . 3 . 0 [get it](#)

attached XSD file 2003-04-25 5 . 3 . 1 [get it](#)

attached correct 2003-04-29 5 . 3 . 2 [get it](#)

XSD file

NP-20 2003-06-27 5 . 4 . 0 [get it](#)

NP-21 2003-10-09 5 . 5 . 0 [get it](#)

NP-22 2004-01-12 5 . 6 . 0 [get it](#)

NP-23 2004-03-24 5 . 7 . 0 [get it](#)

NP-26 2004-12-23 5 . 8 . 0 [get it](#)

Says WG Secretary: nobody's perfect - except Bo Derek

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.329 Sh interface based on the Diameter protocol

Rel-5 current version: 5.8.0  
freeze\_meeting: NP-16

remarks - general:

WG (prime / other): N4 / - rapporteur: BERRY, Nigel, H  
G: yes U: yes U: yes MCC: KYMALAINEN, Kimmo

Lucent Technologies Network Systems UK

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-26	2	0	1	NP-020266
NP-16	2002-06-25	5	0	0	
NP-17	2002-09-17	5	1	0	
NP-18	2003-01-07	5	2	0	
NP-19	2003-04-07	5	3	0	
NP-20	2003-06-27	5	4	0	
NP-22	2004-01-12	5	4	1	updates application IDs for Cx/Sh allocated by IANA
NP-23	2004-03-24	5	5	0	
NP-24	2004-06-15	5	6	0	
NP-25	2004-09-28	5	7	0	
NP-26	2004-12-23	5	8	0	

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## TS 29.414 Core network Nb data transport and transport signalling

Rel-5 current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N3 / - rapporteur: BELLING, Thomas  
G: SIEMENS AG  
U: yes U: yes MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15	2002-03-20	5	0	0	
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.415 Core network Nb interface user plane protocols

Rel-5  
freeze\_meeting: NP-15

WG (prime / other): N3 / -  
G: U: yes

rappporteur: BELLING, Thomas  
MCC: HAN, Seung Don

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15 2002-03-20 5 . 0 . 0  
NP-19 2003-03-27 5 . 1 . 0

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[get it](#)

## TR 29.903

Rel-5  
freeze\_meeting: NP-15

Feasibility Study on SS7 signalling transport in the core network with SCCP-User Adaptation (SUA) layer

WG (prime / other): N4 /  
G: U: yes

rappporteur: YOUNG, Michael  
MCC: KYMALAINEN, Kimmo

MOTOROLA Ltd

remarks - general: Supersedes 29.203.

remarks - this release: NP-11:creation Supersedes 29.203

history (event, available, version, comments, hyperlink):

NP-12 2001-07-04 0 . 0 . 1 2001-03  
N4-08 0 . 1 . 0 NP-010361  
N4-09 0 . 1 . 1  
N4-10 0 . 2 . 0  
N4-10 0 . 3 . 0  
N4-10 0 . 3 . 1  
NP-14 2002-01-02 2 . 0 . 0 NP-010633  
NP-14 2002-01-10 5 . 0 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

WG (prime / other): N1 / RP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.1

freeze\_meeting: SP-15

Skov

JURISIC, Andrijana

MCC:

G: yes U: yes

remarks - this release:

pointing to latest Release version.

history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 5 . 0 . 0

edito post NP-18 2002-12-16 5 . 0 . 1 minor editorials to change style from TS to get it  
TR.

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## TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping

WG (prime / other): N5 / rapporteur: ABARCA, Chelo ALCATEL S.A.

current version: 5.0.0

freeze\_meeting: NP-15

ZOICAS, Adrian

MCC:

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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## TR 29.998-04-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping

WG (prime / other): N5 / rapporteur: ABARCA, Chelo ALCATEL S.A.

current version: 5.0.0

freeze\_meeting: NP-15

ZOICAS, Adrian

MCC:

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.998-04-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC

Rel-5  
current version: 5.0.3  
freeze\_meeting: NP-16  
WG (prime / other): N5 / -  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
remarks - general: Evidence for existance unearthed in N5-020143.  
remarks - this release: NP-15: Was originally Rel-6, but moved to Rel 5.

history (event, available, version, comments, hyperlink):  
draft 2002-02-19 0 . 2 . 1 N5-020084 [get it](#)  
draft 2002-04-22 1 . 0 . 0 [get it](#)  
NP-16 2002-05-31 2 . 0 . 0 NP-020198 (RFC nos. to be corrected.) [get it](#)  
NP-16 2002-06-20 5 . 0 . 0 [get it](#)  
edito post NP-23 2004-03-29 5 . 0 . 1 updates IETF references [get it](#)  
edito 2004-04-27 5 . 0 . 2 Updated reference to use RFC number. [get it](#)  
edito post NP-24 2004-06-24 5 . 0 . 3 RFC no. [get it](#)

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## TR 29.998-05-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-20 5 . 0 . 0 [get it](#)

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## TR 29.998-05-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-20 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N5 /

rapporteur: ABARCA, Chelo

G: U: yes  
MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

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## TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / other): N5 /

rapporteur: ABARCA, Chelo

G: U: yes  
MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

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## Rel-5 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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### TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+

Rel-5  
current version: 5.0.1  
freeze\_meeting: NP-19

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

G: yes U: yes  
MCC: KYMALAINEN, Kimmo

remarks - general:

NP-19: Number of TR 30.002 changed to avoid potential confusion with old

SMG 3.0x series.

remarks - this release:

Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):

NP-19 2003-04-07 5 . 0 . 1 Technically identical to 30.002 v5.0.0.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

Rel-5 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.048

Rel-5

**Security mechanisms for the (U)SIM application toolkit; Test specification**

current version: 5.0.4

freeze\_meeting: TP-21

remarks - general: Test spec for 23.048.

T3 / -

rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

MCC: THOMASEN, Gert

remarks - this release: TP-26: No promotion to Rel-6 because 23.048 not promoted.

WG (prime / other):

G: yes U: yes

history (event, available, version, comments, hyperlink):

T3-33	1	0	0	
TP-25	2004-09-20	1	0	1 TP-040191
TP-26	2004-12-21	2	0	0 TP-040272
TP-26	2005-01-03	5	0	0
edito post TP-26	2005-01-10	5	0	4

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## TS 31.101

Rel-5

**UICC-terminal interface; Physical and logical characteristics**

current version: 5.2.1

freeze\_meeting: TP-17

remarks - general: Contents is a reference to ETSI TR 102 221.

T3 / SCP

rapporteur: VESTERGAARD, Peter NOKIA UK Ltd

MCC: THOMASEN, Gert

remarks - this release: TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.

WG (prime / other):

G: U: yes

history (event, available, version, comments, hyperlink):

TP-17	2002-09-18	5	0	0
TP-18	2003-01-02	5	1	0
TP-26	2005-01-03	5	2	0
edito post TP-26	2005-01-06	5	2	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.102 Characteristics of the USIM application

Rel-5 current version: 5.11.0

freeze\_meeting: TP-15

remarks - general:

WG (prime / other): T3 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

G: U: yes MCC: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-15	2002-03-28	5	.	0	.	0
TP-16	2002-06-28	5	.	1	.	0
TP-17	2002-09-25	5	.	2	.	0
TP-18	2003-01-02	5	.	3	.	0
TP-19	2003-04-01	5	.	4	.	0
TP-20	2003-06-23	5	.	5	.	0
TP-21	2003-09-30	5	.	6	.	0
TP-22	2004-01-12	5	.	7	.	0
TP-23	2004-03-25	5	.	8	.	0
TP-24	2004-06-15	5	.	9	.	0
TP-25	2004-09-27	5	.	10	.	0
TP-26	2005-01-06	5	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.103

Rel-5

### Characteristics of the IP Multimedia Services Identity Module (ISIM) application

WG (prime / other):

G: yes U: yes

rappporteur: VESTERGAARD, Peter NOKIA UK Ltd

MCC: THOMASEN, Gert

T3 /

remarks - this release:

remarks - general: 2004-05-07:additional rappporteur: Peter Vestergaard.

#### history (event, available, version, comments, hyperlink):

TP-16	2002-06-26	1	.	0	.	0	TP-020124
TP-16	2002-06-28	5	.	0	.	0	
TP-17	2002-09-25	5	.	1	.	0	
TP-18	2003-01-02	5	.	2	.	0	
TP-19	2003-03-26	5	.	3	.	0	
TP-20	2003-06-23	5	.	4	.	0	
TP-22	2004-01-12	5	.	5	.	0	
TP-23	2004-03-25	5	.	6	.	0	
TP-25	2004-09-28	5	.	7	.	0	
TP-26	2005-01-03	5	.	8	.	0	

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## TS 31.111

Rel-5

### Universal Subscriber Identity Module Application Toolkit (USAT)

WG (prime / other):

G: yes U: yes

rappporteur: DUBOIS, Christophe Axalto S.A.

MCC: THOMASEN, Gert

T3 / -

remarks - this release:

remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

#### history (event, available, version, comments, hyperlink):

TP-15	2002-03-28	5	.	0	.	0	
TP-16	2002-06-28	5	.	1	.	0	
TP-17	2002-09-18	5	.	2	.	0	
TP-18	2003-01-02	5	.	3	.	0	
TP-19	2003-04-04	5	.	4	.	0	
TP-21	2003-09-29	5	.	5	.	0	
TP-22	2004-01-12	5	.	6	.	0	
TP-25	2004-09-28	5	.	7	.	0	
TP-26	2005-01-03	5	.	8	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.112

Rel-5

### Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2

current version: 5.2.0 /  
freeze\_meeting: TP-15 /  
WG (prime / other): T3 /  
rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: THOMASEN, Gert

remarks - general: started life as Rel-4 draft, but ran out of time so ended up Rel-5.

#### history (event, available, version, comments, hyperlink):

TP-11	2001-04-09	1	0	0	
TP-13	2001-10-12	2	0	0	TP-010207
TP-13	2001-10-12	5	0	0	
TP-14	2002-01-14	5	1	0	
TP-16	2002-06-19	5	2	0	

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## TS 31.113

Rel-5

### Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes

current version: 5.6.0 /  
freeze\_meeting: TP-15 /  
WG (prime / other): T3 /  
rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: THOMASEN, Gert

remarks - general: started life as Rel-4 draft, but ran out of time so ended up Rel-5.

#### history (event, available, version, comments, hyperlink):

TP-11	2001-04-09	1	0	0	
TP-13	2001-10-12	2	0	0	TP-010208
TP-13	2001-10-12	5	0	0	
TP-14	2002-01-14	5	1	0	
TP-15	2002-03-28	5	2	0	
TP-16	2002-06-19	5	3	0	
TP-17	2002-09-25	5	4	0	
TP-19	2003-03-26	5	5	0	
TP-26	2005-01-07	5	6	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration

WG (prime / other): T3 /  
G: U: yes

current version: 5.3.0  
freeze\_meeting: TP-15

MEYER, Michael  
THOMASEN, Gert

GIESECKE & DEVRIENT GmbH

rappporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-14	2002-01-02	1	0	0	TP-010248
TP-15	2002-03-19	1	5	1	TP-020030
TP-15	2002-03-19	2	0	0	TP-020077
TP-15	2002-03-28	5	0	0	
TP-16	2002-06-19	5	1	0	
TP-17	2002-09-25	5	2	0	
TP-19	2003-03-26	5	3	0	

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## TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

WG (prime / other): T3 / -  
G: U: yes

current version: 5.0.0  
freeze\_meeting: SP-26

MAESER, Torsten  
THOMASEN, Gert

Orga Test Systems Gmbh

rappporteur:

MCC:

remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI- remarks - this release: Fill in of missing Release SCP

history (event, available, version, comments, hyperlink):

TP-26	2005-01-06	5	0	0	
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## TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

WG (prime / other): T3 / -  
G: U: yes

current version: 5.0.1  
freeze\_meeting: TP-26

WILLEBRINK, Udo  
THOMASEN, Gert

Orga Test Systems Gmbh

rappporteur:

MCC:

remarks - general: based on R99 core spec; split into 2 parts (this is 2) remarks - this release: 2003-07-15 (Dietze): It is the intention that a Rel-5 be created - eventually. TP-24: Creation postponed to T3 AdHoc mtg. T3 needs guidance T on whether EF\_KC has to be stored on the USIM when accessing a GERAN.

history (event, available, version, comments, hyperlink):

TP-26	2005-01-05	5	0	0	
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editorial post TP-26 5 . 0 . 1 Remove surplus frames, reformat

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-5

WG (prime / other): T3 / -

reporteur: KNIGHT, Simon

ASPECTS Software Ltd

current version: none

G: U: yes

MCC:

THOMASEN, Gert

freeze\_meeting:

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two parts

remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TS 31.124

Rel-5

WG (prime / other): T3 / -

reporteur: LAFFONT, Eric

GEMPLUS S.A.

current version: none

G: U: yes

MCC:

THOMASEN, Gert

freeze\_meeting:

remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.

remarks - this release: Pointer to latest Release.

history (event, available, version, comments, hyperlink):

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Rel-5 **32** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.101 Telecommunication management; Principles and high level requirements

Rel-5  
current version: 5.5.0  
freeze\_meeting: SP-15

G: U: yes

S5 / -

rapporteur: TRUSS, Michael  
MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:  
freeze\_meeting: SP-15  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0
SP-17	2002-09-18	5	.	1	.	0
SP-18	2003-01-06	5	.	2	.	0
SP-19	2003-03-31	5	.	3	.	0
SP-20	2003-06-18	5	.	4	.	0
SP-21	2003-10-02	5	.	5	.	0

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## TS 32.102 Telecommunication management; Architecture

Rel-5  
current version: 5.6.0  
freeze\_meeting: SP-15

S5 / -

rapporteur: BERGGREN, Tommy  
MCC: ZOICAS, Adrian

TeliaSonera AB

remarks - general:  
freeze\_meeting: SP-15  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0
SP-17	2002-09-18	5	.	1	.	0
SP-18	2003-01-06	5	.	2	.	0
SP-19	2003-03-31	5	.	3	.	0
SP-21	2003-10-03	5	.	4	.	0
SP-22	2004-01-05	5	.	5	.	0
post SP-22 edito	2004-01-13	5	.	5	.	1
SP-23	2004-03-23	5	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-5  
WG (prime / other): S5 / -  
G: yes U: yes  
MCC: SCHMIDT, Joerg  
ZOICAS, Adrian  
MOTOROLA A/S

remarks - this release:

TSG#8: split into 4 parts

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	0	0
SP-17	2002-09-18	5	1	0
edito (layout and references)	2003-01-07	5	1	1

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## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-5  
WG (prime / other): S5 / -  
G: yes U: yes  
MCC: SCHMIDT, Joerg  
ZOICAS, Adrian  
MOTOROLA A/S

remarks - this release:

TSG#8: split into 4 parts

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	0	0
SP-17	2002-09-20	5	1	0
SP-18	2003-01-09	5	2	0
SP-19	2003-03-31	5	3	0
SP-20	2003-06-27	5	4	0
SP-26	2005-01-04	5	5	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-5 current version: 5.5.1  
freeze\_meeting: SP-15  
WG (prime / other): S5 / -  
rappporteur: TSE, Edwin  
G: yes U: yes  
MCC: ZOICAS, Adrian  
Ericsson Incorporated

remarks - general: TSG#8: split into 4 parts

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0
SP-17	2002-10-08	5	.	1	.	0
SP-18	2003-01-09	5	.	2	.	0
SP-19	2003-04-01	5	.	3	.	0
SP-20	2003-06-27	5	.	4	.	0
SP-22	2004-01-05	5	.	5	.	0
post SP-22 edito	2004-01-13	5	.	5	.	1

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## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-5 current version: 5.8.0  
freeze\_meeting: SP-15  
WG (prime / other): S5 / -  
rappporteur: POLLAKOWSKI, Olaf  
G: yes U: yes  
MCC: ZOICAS, Adrian  
SIEMENS AG

remarks - general: TSG#8: split into 4 parts

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-17	2002-09-20	5	.	2	.	0
SP-18	2003-01-09	5	.	3	.	0
SP-19	2003-04-01	5	.	4	.	0
SP-20	2003-06-27	5	.	5	.	0
SP-21	2003-10-02	5	.	6	.	0
SP-22	2004-01-05	5	.	7	.	0
post SP-22 edito	2004-01-13	5	.	7	.	1
SP-25	2004-09-23	5	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 current version: 5.7.0

freeze\_meeting: SP-17

WG (prime / other): S5 /

G: yes U: yes

rapporteur: GOERMER, Gerard

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-18	2003-01-06	5	.	2	.	0
SP-19	2003-04-02	5	.	3	.	0
SP-20	2003-06-27	5	.	4	.	0
SP-21	2003-10-02	5	.	5	.	0
SP-23	2004-03-25	5	.	6	.	0
SP-24	2004-06-15	5	.	7	.	0

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## TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-5 current version: 5.8.0

freeze\_meeting: SP-15

WG (prime / other): S5 /

G: U: yes

NOKIA Corporation

rapporteur: ALEXANDER, Benni

MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15	2002-03-27	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-18	2003-01-09	5	.	2	.	0
SP-19	2003-04-02	5	.	3	.	0
SP-20	2003-06-27	5	.	4	.	0
SP-22	2004-01-05	5	.	5	.	0
SP-23	2004-03-24	5	.	6	.	0
SP-24	2004-06-15	5	.	7	.	0
SP-25	2004-09-23	5	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.215

Rel-5 **Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain**

current version: 5.7.0

freeze\_meeting: SP-15

WG (prime / other): S5 /

G: U: yes

rappporteur: ALEXANDER, Benni

MCC: ZOICAS, Adrian

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15	2002-03-27	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-18	2003-01-09	5	.	2	.	0
SP-19	2003-04-02	5	.	3	.	0
SP-20	2003-06-09	5	.	4	.	0
SP-22	2004-01-05	5	.	5	.	0
SP-24	2004-06-17	5	.	6	.	0
SP-25	2004-09-23	5	.	7	.	0

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## TS 32.225

Rel-5 **Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)**

current version: 5.7.0

freeze\_meeting: SP-17

WG (prime / other): S5 /

G: yes U: yes

rappporteur: TEPPO, Patrik

MCC: ZOICAS, Adrian

Ericsson Incorporated

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15	2002-03-19	1	.	0	.	0	SP-020033
SP-16	2002-06-17	1	.	5	.	0	SP-020327
draft	2002-07-19	1	.	7	.	0	
SP-17	2002-09-16	2	.	0	.	0	SP-020453
SP-17	2002-09-18	5	.	0	.	0	"Support of Diameter is mandatory."
SP-18	2003-01-06	5	.	1	.	0	
SP-19	2003-04-02	5	.	2	.	0	
SP-20	2003-06-27	5	.	3	.	0	
SP-22	2004-01-05	5	.	4	.	0	
SP-23	2004-03-24	5	.	5	.	0	
SP-24	2004-06-17	5	.	6	.	0	
SP-26	2005-01-04	5	.	7	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.235 Telecommunication management; Charging management; Charging data description for application services

WG (prime / other): S5 /

GOERMER, Gerald SIEMENS AG

rapporporteur: ZOICAS, Adrian

G: U: yes

freeze\_meeting: SP-17

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-18	5	.	0	.	0
SP-18	2003-01-07	5	.	1	.	0
SP-19	2003-04-02	5	.	2	.	0
SP-20	2003-06-27	5	.	3	.	0
SP-21	2003-10-02	5	.	4	.	0

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## TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects

WG (prime / other): S5 / -

TOVINGER, Thomas Telefon AB LM Ericsson

rapporporteur: ZOICAS, Adrian

G: yes U: yes

freeze\_meeting: SP-17

remarks - this release:

remarks - general: Replaces 32.106-8 (pars)

history (event, available, version, comments, hyperlink):

SP-17	2002-09-18	5	.	0	.	0	
edito post	SP-18	2003-01-13	5	.	0	.	1

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## TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements

WG (prime / other): S5 / -

SCHMIDT, Joerg MOTOROLA A/S

rapporporteur: ZOICAS, Adrian

G: yes U: yes

freeze\_meeting: SP-15

remarks - this release:

remarks - general: was 32.301-1

history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0	
edito post	SP-18	2003-01-13	5	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.302** **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**  
Rel-5 *current version: 5.2.0* Ericsson Incorporated  
*freeze\_meeting: SP-15*  
*remarks - general: was 32.301-2*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-11	5	.	0	.	0
edito	2002-03-26	5	.	0	.	1
edito post	2003-01-13	5	.	0	.	2
SP-20	2003-06-27	5	.	1	.	0
SP-26	2005-01-04	5	.	2	.	0

WG (prime / other): S5 / -

rappporteur: TSE, Edwin

MCC: ZOICAS, Adrian

remarks - this release:

G: yes U: yes

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**TS 32.303** **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-5 *current version: Set (SS)*  
SIEMENS AG

WG (prime / other): S5 / -  
rappporteur: POLLAKOWSKI, Olaf

*freeze\_meeting: SP-15*

MCC: ZOICAS, Adrian

*remarks - general: was 32.301-3*

remarks - this release:

G: yes U: yes

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0
SP-17	2002-09-18	5	.	1	.	0
edito post	2002-10-01	5	.	1	.	1
edito post	2003-01-13	5	.	1	.	2
SP-19	2003-03-31	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set

Rel-5 WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

freeze\_meeting: SP-15

remarks - general: was 32.301-4

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-14 2002-01-11 5 . 0 . 0

SP-15 2002-03-26 5 . 1 . 0

SP-16 2002-06-20 5 . 2 . 0

edito post SP-18 2003-01-13 5 . 2 . 1

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## TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-5 WG (prime / other): S5 / rapporteur: TSE, Edwin Ericsson Incorporated

freeze\_meeting: SP-15

remarks - general: was 32.112-1

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15 2002-03-26 5 . 0 . 0

edito post SP-18 2003-01-13 5 . 0 . 1

SP-22 2004-01-05 5 . 1 . 0

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## TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)

Rel-5 WG (prime / other): S5 / rapporteur: TSE, Edwin Ericsson Incorporated

freeze\_meeting: SP-15

remarks - general: was 32.112-2

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15 2002-03-26 5 . 0 . 0

edito post SP-18 2003-01-13 5 . 0 . 1

SP-22 2004-01-05 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.321

Rel-5  
freeze\_meeting: SP-15

### Telecommunication management; Test management Integration Reference Point (IRP): Requirements

WG (prime / other): S5 / -  
G: yes U: yes

rapporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	0	0	0	SP-020328
SP-17	2002-09-06	2	0	0	0	SP-020456
SP-17	2002-09-18	5	0	0	0	
edito post	SP-18	2003-01-13	5	0	0	1

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## TS 32.322

Rel-5  
freeze\_meeting: SP-17

### Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)

WG (prime / other): S5 / -  
G: yes U: yes

rapporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	0	0	0	SP-020328
SP-17	2002-09-16	2	0	0	0	SP-020457
SP-17	2002-09-18	5	0	0	0	
edito post	SP-18	2003-01-13	5	0	0	1
	SP-24	2004-06-15	5	1	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.323

Rel-5

**Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

current version: 5.1.0

WG (prime / other): S5 / -

freeze\_meeting: SP-17

rappporteur: TSE, Edwin

MCC: ZOICAS, Adrian

Ericsson Incorporated

remarks - general:

remarks - this release:

G: yes U: yes

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	0	0	0	SP-020328
SP-17	2002-09-16	2	0	0	0	SP-020458
SP-17	2002-09-18	5	0	0	0	
edito post	SP-18	2003-01-13	5	0	1	
SP-24	2004-06-15	5	1	1	0	

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## TS 32.324

Rel-5

**Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

current version: 5.1.0

WG (prime / other): S5 / -

freeze\_meeting: SP-17

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

G: yes U: yes

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	0	0	0	
SP-17	2002-09-16	2	0	0	0	SP-020459
SP-17	2002-09-18	5	0	0	0	
edito post	SP-18	2003-01-13	5	0	1	
SP-24	2004-06-15	5	1	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements

WG (prime / other): S5 / - rapporteur: HÜBINETTE, Ulf Telefon AB LM Ericsson

freeze\_meeting: SP-15

MCC: ZOICAS, Adrian

remarks - general: was 32.104 (pars)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-18	5	.	1	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-15	5	.	3	.	0	<a href="#">get it</a>
SP-25	2004-09-28	5	.	4	.	0	<a href="#">get it</a>

## TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM

WG (prime / other): S5 / - rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

freeze\_meeting: SP-15

MCC: ZOICAS, Adrian

remarks - general: was 32.104 (pars)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-20	5	.	0	.	0	<a href="#">get it</a>
WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)							
SP-17	2002-09-19	5	.	1	.	0	<a href="#">get it</a>
SP-19	2003-03-31	5	.	2	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	3	.	0	<a href="#">get it</a>
SP-21	2003-10-15	5	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-05	5	.	5	.	0	<a href="#">get it</a>
SP-23	2004-03-24	5	.	6	.	0	<a href="#">get it</a>
SP-24	2004-06-17	5	.	7	.	0	<a href="#">get it</a>
SP-25	2004-09-28	5	.	8	.	0	<a href="#">get it</a>
SP-26	2005-01-04	5	.	9	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.600** **Telecommunication management; Configuration Management (CM); Concept and high-level requirements**  
Rel-5 *current version:* 5.0.1 *rapporporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars).  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-20 5 . 0 . 0 [get it](#)  
edito 2003-06-18 5 . 0 . 1 Title aligned with the 3GPP Database [get it](#)

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**TS 32.601** **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements**  
Rel-5 *current version:* 5.0.1 *rapporporteur:* PIJRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-1  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-23 5 . 0 . 0 [get it](#)  
edito 2003-06-18 5 . 0 . 1 Title aligned with the 3GPP Database [get it](#)

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**TS 32.602** **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (SS)**  
Rel-5 *current version:* 5.3.0 *rapporporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-2  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-27 5 . 0 . 0 [get it](#)  
SP-19 2003-03-31 5 . 1 . 0 [get it](#)  
SP-22 2004-01-13 5 . 2 . 0 [get it](#)  
SP-23 2004-03-23 5 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution

Rel-5 current version: 5.3.0 rapporteur: TSE, Edwin  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian  
Ericsson Incorporated

remarks - general: was 32.601-3

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0
SP-19	2003-03-31	5	.	1	.	0
SP-20	2003-06-27	5	.	2	.	0
SP-25	2004-09-28	5	.	3	.	0

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[get it](#)  
[get it](#)  
[get it](#)

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## TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set

Rel-5 current version: 5.0.0 rapporteur: POLLAKOWSKI, Olaf  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian  
SIEMENS AG

remarks - general: was 32.601-4

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18	2003-01-08	5	.	0	.	0
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## TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements

Rel-5 current version: 5.1.1 rapporteur: PAL, Tapinder  
freeze\_meeting: SP-16 MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND

remarks - general: was 32.602-1

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-21	5	.	0	.	0
SP-17	2002-09-27	5	.	1	.	0
edito post SP-26	2005-01-04	5	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.612** **Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)**  
Rel-5  
WG (prime / other): S5 /  
G: yes U: yes  
current version: 5.3.1  
freeze\_meeting: SP-17  
MOTOROLA Ltd  
rapporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian

remarks - general: was 32.602-2  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0	
SP-18	2003-01-07	5	.	1	.	0	
edito	2003-03-31	5	.	1	.	1	
SP-22	2004-01-13	5	.	2	.	0	
SP-23	2004-03-24	5	.	3	.	0	
edito post	SP-26	2005-01-04	5	.	3	.	1

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[get it](#)

**TS 32.613** **Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**

Rel-5  
WG (prime / other): S5 /  
G: yes U: yes  
current version: 5.1.1  
freeze\_meeting: SP-17  
MOTOROLA Ltd  
rapporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian

remarks - general: was 32.602-3  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0	
SP-19	2003-03-31	5	.	1	.	0	
edito post	SP-26	2005-01-04	5	.	1	.	1

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[get it](#)  
[get it](#)

**TS 32.614** **Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**

Rel-5  
WG (prime / other): S5 /  
G: yes U: yes  
current version: 5.0.1  
freeze\_meeting: SP-17  
SIEMENS AG  
rapporteur: POLLAKOWSKI, Olaf  
MCC: ZOICAS, Adrian

remarks - general: was 32.602-4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18	2003-01-07	5	.	0	.	0	
edito post	SP-26	2005-01-04	5	.	0	.	1

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-5 WG (prime / other): S5 / rapporteur: TOCHE, Christian

freeze\_meeting: SP-16

remarks - general: was 32.602-5

NORTEL NETWORKS (EUROPE)

MCC: ZOICAS, Adrian

U: yes  
G: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-21 5 . 0 . 0

edito after SP-17 2002-09-18 5 . 0 . 1

SP-20 2003-06-27 5 . 1 . 0

SP-21 2003-10-01 5 . 2 . 0

Adds XML file with 2003-10-17 5 . 2 . 1

reference from  
document

SP-22 2004-01-14 5 . 3 . 0

SP-23 2004-03-24 5 . 4 . 0

SP-24 2004-06-17 5 . 5 . 0

edito post SP-26 2005-01-04 5 . 5 . 1

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## TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements

Rel-5 WG (prime / other): S5 / - rapporteur: PIJRT, Trevor

MCC: ZOICAS, Adrian

MOTOROLA Ltd

U: yes  
G: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17 2002-09-27 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-5 current version: 5.5.0 rapporteur: TOVINGER, Thomas  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - general: was 32.620-2

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0
SP-20	2003-06-27	5	.	1	.	0
SP-22	2004-01-13	5	.	2	.	0
SP-23	2004-03-24	5	.	3	.	0
SP-24	2004-06-15	5	.	4	.	0
SP-25	2004-09-28	5	.	5	.	0

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## TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture

Rel-5 current version: 5.4.0 rapporteur: PIRT, Trevor  
MOTOROLA Ltd WG (prime / other): S5 /-

freeze\_meeting: SP-17  
remarks - general: was 32.620-3

remarks - this release:

G: yes U: yes  
MCC: ZOICAS, Adrian

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0
SP-19	2003-04-01	5	.	1	.	0
SP-23	2004-03-24	5	.	2	.	0
SP-24	2004-06-15	5	.	3	.	0
SP-25	2004-09-28	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-5 32 .- series

**TS 32.624** Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP); Common Management Information Protocol  
Rel-5 current version: (CMIP) Solution Set (SS) 5.5.0 WG (prime / other): S5 /- ZOICAS, Adrian  
SIEMENS AG MCC: ZOICAS, Adrian  
rappporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-17  
remarks - general: was 32.620-4

history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0
SP-21	2003-10-02	5	.	1	.	0
SP-22	2004-01-13	5	.	2	.	0
SP-23	2004-03-24	5	.	3	.	0
SP-24	2004-06-15	5	.	4	.	0
SP-26	2005-01-04	5	.	5	.	0

**TS 32.625** Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML)  
Rel-5 current version: file format definition 5.4.0 WG (prime / other): S5 /- ZOICAS, Adrian  
NETWORKS (EUROPE) MCC: ZOICAS, Adrian  
rappporteur: TOCHE, Christian NORTEL

freeze\_meeting: SP-15  
remarks - general:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	.	0	.	0	SP-020298 pars
SP-17	2002-09-06	2	.	0	.	0	SP-020460
SP-17	2002-09-18	5	.	0	.	0	
SP-20	2003-06-27	5	.	1	.	0	
Editorials & Cosmetics	2003-10-08	5	.	1	.	1	

Adds XML file with reference from document	2003-10-17	5	.	1	.	2	
SP-23	2004-03-24	5	.	2	.	0	
SP-24	2004-06-17	5	.	3	.	0	
SP-26	2005-01-04	5	.	4	.	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.631** **Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.0 *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-16 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-1  
*U:* yes *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 32.632** **Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-5 *current version:* 5.6.0 *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-2  
*U:* yes *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-23 5 . 0 . 0 [get it](#)  
SP-18 2003-01-07 5 . 1 . 0 [get it](#)  
SP-19 2003-04-01 5 . 2 . 0 [get it](#)  
SP-20 2003-06-27 5 . 3 . 0 [get it](#)  
SP-21 2003-10-15 5 . 4 . 0 [get it](#)  
SP-22 2004-01-13 5 . 5 . 0 [get it](#)  
SP-25 2004-09-28 5 . 6 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-5 32 .- series

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## TS 32.633 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Common Object Request Broker Architecture

Rel-5 current version: (CORBA) Solution Set (SS) S5 /- rapporteur: PAL, Tapinder

T-MOBILE DEUTSCHLAND

freeze\_meeting: SP-17

remarks - general: was 32.621-3

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17 2002-09-27 5 . 0 . 0 [get it](#)

SP-18 2003-01-07 5 . 1 . 0 [get it](#)

SP-25 2004-09-28 5 . 2 . 0 [get it](#)

---

## TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Common Management Information Protocol

Rel-5 current version: (CMIP) Solution Set (SS) S5 /- rapporteur: POLLAKOWSKI, Olaf

SIEMENS AG

freeze\_meeting: SP-17

remarks - general: was 32.621-4

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18 2003-01-08 5 . 0 . 0 [get it](#)

SP-22 2004-01-13 5 . 1 . 0 [get it](#)

SP-23 2004-03-24 5 . 2 . 0 [get it](#)

SP-25 2004-09-28 5 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.635** **Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-5 *current version: format definition* S5 /-  
NORTEL NETWORKS (EUROPE) *rapporteur:* TOCHE, Christian

*freeze\_meeting:* SP-16

*remarks - general:* RP-15: existence gleaned from S5 report.

G: yes U: yes

MCC: ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-17 1 . 0 . 0 SP-020298 pairs

SP-17 2002-09-16 2 . 0 . 0 SP-020461

SP-17 2002-09-18 5 . 0 . 0

SP-20 2003-06-27 5 . 1 . 0

Adds XML file with 2003-10-17 5 . 1 . 1

reference from

document

SP-23 2004-03-24 5 . 2 . 0

SP-24 2004-06-17 5 . 3 . 0

SP-25 2004-09-28 5 . 4 . 0 XML schema available 2004-11-02

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**TS 32.641**

Rel-5

**Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements**

*current version: 5.0.0* S5 /- *rapporteur:* PIRT, Trevor

*freeze\_meeting:* SP-17 MCC: ZOICAS, Adrian

*remarks - general:* was 32.622-1

*remarks - this release:*

MCC: ZOICAS, Adrian

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-27 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-5 current version: 5.5.0 rapporteur: PETERSEN, Robert Ericsson AB  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian

remarks - general: was 32.622-2  
U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0
SP-18	2003-01-07	5	.	1	.	0
edito post SP-18 to	2003-01-09	5	.	1	.	1
accept all rev marks						

SP-20	2003-06-26	5	.	2	.	0
SP-22	2004-01-13	5	.	3	.	0
SP-24	2004-06-17	5	.	4	.	0
SP-25	2004-09-29	5	.	5	.	0

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## TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture

Rel-5 current version: 5.4.0 rapporteur: PIRT, Trevor  
MOTOROLA Ltd WG (prime / other): S5 /-

freeze\_meeting: SP-17  
remarks - general: was 32.622-3

G: U: yes  
MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-27	5	.	0	.	0
SP-20	2003-06-27	5	.	1	.	0
SP-22	2004-01-13	5	.	2	.	0
SP-24	2004-06-17	5	.	3	.	0
SP-25	2004-09-29	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-5 32 .- series

## TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol

Rel-5 current version: (CMIP) Solution Set (SS) S5 WG (prime / other): S5 /- MCC: ZOICAS, Adrian  
SIEMENS AG rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-17  
remarks - general: was 32.622-4

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-18	2003-01-08	5	.	0	.	0
SP-20	2003-06-26	5	.	1	.	0
SP-21	2003-10-02	5	.	2	.	0
SP-22	2004-01-13	5	.	3	.	0
SP-23	2004-03-24	5	.	4	.	0
SP-24	2004-06-17	5	.	5	.	0
SP-25	2004-09-28	5	.	6	.	0

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[get it](#)

## TS 32.645

Rel-5 current version: format definition  
NETWORKS (EUROPE)

Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file  
WG (prime / other): S5 /- MCC: ZOICAS, Adrian  
TOCHE, Christian NORTEL rapporteur:

freeze\_meeting: SP-16  
remarks - general:

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	.	0	.	0
SP-17	2002-09-16	2	.	0	.	0
SP-17	2002-09-18	5	.	0	.	0
SP-20	2003-06-27	5	.	1	.	0
SP-21	2003-10-01	5	.	2	.	0
SP-21	2003-10-17	5	.	2	.	1

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

Adds XML file with reference from document  
SP-22 2004-01-14 5 . 3 . 0  
SP-23 2004-03-24 5 . 4 . 0  
SP-24 2004-06-17 5 . 5 . 0  
SP-25 2004-09-29 5 . 6 . 0 XML schema available 2004-11-02

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.651** **Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.0 *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian

*remarks - general:* was 32.623-1  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-27 5 . 0 . 0 [get it](#)

**TS 32.652** **Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-5 *current version:* 5.3.0 *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian

*remarks - general:* was 32.623-2  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-27 5 . 0 . 0 [get it](#)  
edito post SP-18 2003-01-09 5 . 0 . 1 [get it](#)  
SP-20 2003-06-26 5 . 1 . 0 [get it](#)  
SP-21 2003-10-01 5 . 2 . 0 [get it](#)  
SP-22 2004-01-14 5 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-5 32 .- series

**TS 32.653** Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Common Object Request Broker Architecture  
Rel-5 current version: (CORBA) Solution Set (SS) 5.3.0 S5 /- PIRT, Trevor  
MOTOROLA Ltd

rapporteur: /-

freeze\_meeting: SP-17  
remarks - general: was 32.623-3

G: yes U: ZOICAS, Adrian

MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-10-08	5	.	0	.	0
edito post	SP-18	2003-01-09	5	.	0	1
SP-20	2003-06-27	5	.	1	.	0
SP-21	2003-10-01	5	.	2	.	0
SP-25	2004-09-28	5	.	3	.	0

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**TS 32.654** Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Common Management Information Protocol  
Rel-5 current version: (CMIP) Solution Set (SS) 5.4.0 S5 /- POLLAKOWSKI, Olaf  
SIEMENS AG

rapporteur: /-

freeze\_meeting: SP-17  
remarks - general: was 32.623-4

G: yes U: ZOICAS, Adrian

MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18	2003-01-08	5	.	0	.	0
SP-20	2003-06-27	5	.	1	.	0
SP-21	2003-10-02	5	.	2	.	0
SP-22	2004-01-13	5	.	3	.	0
SP-24	2004-06-17	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.655** Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file  
Rel-5 current version: format definition  
NETWORKS (EUROPE)

WG (prime / other): S5  
/ rapporteur: TOCHE, Christian NORTEL

freeze\_meeting: SP-16

MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

G: yes U: yes

history (event, available, version, comments, hyperlink):

SP-16	2002-06-17	1	0	0	SP-020298 pairs
SP-17	2002-09-16	2	0	0	SP-020463
SP-17	2002-09-18	5	0	0	
SP-20	2003-06-27	5	1	0	
SP-21	2003-10-01	5	2	0	
Adds XML file with reference from document					
SP-22	2004-01-14	5	3	0	
SP-23	2004-03-24	5	4	0	
SP-24	2004-06-18	5	5	0	no schema file
SP-25	2004-09-29	5	6	0	XML schema available 2004-11-02

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**TS 32.661**

Telecommunication management; Configuration Management (CM); Kernel CM; Requirements

Rel-5 current version: 5.1.0  
freeze\_meeting: SP-17  
WG (prime / other): S5 / rapporteur: TOVINGER, Thomas  
G: yes U: yes  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2002-01-31	0	1	0	
SP-15	2002-03-19	1	0	0	SP-020034 pairs
SP-17	2002-09-16	2	0	0	SP-020464
SP-17	2002-09-18	5	0	0	
SP-18	2003-01-07	5	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.662 Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)

Rel-5 current version: 5.2.0 rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
freeze\_meeting: SP-18 MCC: ZOICAS, Adrian

remarks - general: G: yes U: yes remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2002-01-31	0	1	0	
SP-15	2002-03-19	1	0	0	SP-020034 pars
SP-17	2002-09-16	2	0	0	SP-020465
SP-17	2002-09-18	5	0	0	
SP-22	2004-01-13	5	1	0	
SP-23	2004-03-24	5	2	0	

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## TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution

Rel-5 current version: 5.3.0 rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian

remarks - general: G: yes U: yes remarks - this release: SP-15: will not exist in Rel-5. SP-17 Oh yes it will!

### history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	1	0	0	SP-020466
SP-17	2002-09-18	5	0	0	
SP-19	2003-04-03	5	1	0	
SP-24	2004-06-15	5	2	0	
SP-25	2004-09-28	5	3	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set

WG (prime / other): S5 / rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
G: yes U: yes MCC: ZOICAS, Adrian

freeze\_meeting: SP-18

remarks - general:

remarks - this release: SP-15: will not exist in Rel-5. SP-17: Yes it will!

history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	1	.	0	.	0	SP-020467
SP-18	2003-01-07	2	.	0	.	0	SP-020743
SP-18	2003-01-07	5	.	0	.	0	

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## TS 32.671

### Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Requirements

WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2002-01-17	0	.	1	.	2	
SP-16	2002-06-17	1	.	0	.	0	SP-020329 parts
SP-17	2002-07-19	2	.	0	.	0	SP-020468
SP-17	2002-09-18	5	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Information Service (IS)

Rel-5 current version: 5.0.0 rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
freeze\_meeting: SP-15 MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2002-07-19	0	.	0	.	0	.	0	
draft	2002-01-17	0	.	1	.	1			
SP-16	2002-06-17	1	.	0	.	0		SP-020329	pairs
SP-17	2002-09-16	2	.	0	.	0		SP-020469	
SP-17	2002-09-18	5	.	0	.	0			

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## TS 32.673 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)

Rel-5 current version: Solution Set (SS) 5.2.0 WG (prime / other): S5 /- rapporteur: PIRT, Trevor  
MOTOROLA Ltd

freeze\_meeting: SP-15

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-17	2002-09-16	1	.	0	.	0		SP-020470	
SP-17	2002-09-18	5	.	0	.	0			
SP-19	2003-04-01	5	.	1	.	0			
SP-25	2004-09-29	5	.	2	.	0			

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-5 32 .- series

## TS 32.674 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

Rel-5 current version: Solution Set (SS) S5 /- rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-15

remarks - general:

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2002-01-17	0	.	1	.	0
draft	2002-07-19	1	.	0	.	0
SP-17	2002-09-16	2	.	0	.	0
SP-17	2002-09-18	5	.	0	.	0
SP-21	2003-10-02	5	.	1	.	0
SP-26	2005-01-04	5	.	2	.	0

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## TS 32.691

Rel-5 current version: 5.0.1

freeze\_meeting: SP-17

remarks - general:

## TS 32.691 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements

WG (prime / other): S5 / rapporteur: PAL, Tapinder  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

MCC: ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

history (event, available, version, comments, hyperlink):

SP-17	2002-08-30	1	.	0	.	0
SP-17	2002-09-18	5	.	0	.	0
edito post	SP-26	2005-01-04	5	.	0	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.692** **Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-5 current version: 5.0.1  
freeze\_meeting: SP-17  
T-MOBILE DEUTSCHLAND  
PAL, Tapinder  
ZOICAS, Adrian

remarks - general: freeze\_meeting: SP-17  
G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-17 2002-08-30 1 . 0 . 0 SP-020473  
SP-17 2002-09-18 5 . 0 . 0  
edito post SP-26 2005-01-04 5 . 0 . 1

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**TR 32.800** **Telecommunication management; Management level procedures and interaction with UTRAN**  
Rel-5 current version: 5.0.0  
freeze\_meeting: SP-15  
Vodafone D2 GmbH  
BODEN, Bert  
ZOICAS, Adrian

remarks - general: freeze\_meeting: SP-15  
G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-15 2002-03-26 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study

WG (prime / other): S5 /

G: U: yes

rappporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general: freeze\_meeting: SP-16  
remarks - this release: SP-21: No rapporteur, work stopped. SP-26: assume no desire to upgrade to Rel-6.

history (event, available, version, comments, hyperlink):

SP-13	2001-10-01	0	0	2	TP-010213 (!)	<a href="#">get it</a>
SP-14	2002-01-02	1	0	0	SP-010652 (also TP-010283)	<a href="#">get it</a>
draft	2002-01-28	1	0	1		<a href="#">get it</a>
draft	2002-01-31	1	0	2		<a href="#">get it</a>
SP-15	2002-03-19	1	0	4	SP-020011	<a href="#">get it</a>
SP-16	2002-06-17	2	0	0	SP-020331	<a href="#">get it</a>
SP-16	2002-06-20	5	0	0		<a href="#">get it</a>
SP-17	2002-09-18	5	1	0		<a href="#">get it</a>

## Rel-5

### 33 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.102 3G security; Security architecture

Rel-5 current version: 5.5.0

freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S3 / -

G: U: yes

rappporteur: BLOMMERT, Marc

MCC: POPE, Maurice

Siemens nv/sa

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-19	5	0	0		<a href="#">get it</a>
SP-18	2002-12-18	5	1	0		<a href="#">get it</a>
SP-20	2003-06-18	5	2	0		<a href="#">get it</a>
SP-21	2003-09-30	5	3	0		<a href="#">get it</a>
SP-24	2004-06-15	5	4	0		<a href="#">get it</a>
SP-25	2004-09-30	5	5	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.105 Cryptographic algorithm requirements

Rel-5 current version: 5.0.0  
freeze\_meeting: SP-24

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rapporteur: CHIKAZAWA, Takeshi  
MCC: POPE, Maurice

Mitsubishi Electric Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24 2004-06-15 5 . 0 . 0

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## TS 33.106 Lawful interception requirements

Rel-5 current version: 5.1.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rapporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-04 5 . 0 . 0  
SP-17 2002-09-18 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.107 3G security; Lawful interception architecture and functions

Rel-5  
current version: 5.6.0  
freeze\_meeting: SP-15

WG (prime / other): S3 / -  
G: U: yes  
rapporteur: WILHELM, Berthold  
MCC: POPE, Maurice  
BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-07-04	5	0	0	
SP-14	2002-01-07	5	1	0	
SP-15	2002-03-26	5	2	0	
edito post	SP-15	2002-04-15	5	2	1
SP-16	2002-06-19	5	3	0	Corrects change history.
SP-17	2002-09-18	5	4	0	
SP-18	2002-12-18	5	5	0	
SP-21	2003-09-30	5	6	0	

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ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-5  
current version: 5.9.1  
freeze\_meeting: SP-16  
WG (prime / other): S3 /  
G: U: yes  
rapporteur: WILHELM, Berthold  
MCC: POPE, Maurice  
BUNDESMINISTERIUM FUR WIRTSCHAFT  
remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de).  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-19	1	.	0	.	0	.	0	SP-020118
SP-16		2	.	0	.	0	.	0	SP-020357
SP-16	2002-06-19	5	.	0	.	0	.	0	
SP-17	2002-09-23	5	.	1	.	0	.	0	
SP-18	2002-12-18	5	.	2	.	0	.	0	
SP-19	2003-03-24	5	.	3	.	0	.	0	
SP-20	2003-06-18	5	.	4	.	0	.	0	
SP-21	2003-09-30	5	.	5	.	0	.	0	
SP-22	2004-01-08	5	.	6	.	0	.	0	
SP-23	2004-03-22	5	.	7	.	0	.	0	
SP-24	2004-06-15	5	.	8	.	0	.	0	
SP-26	2004-12-23	5	.	9	.	0	.	0	
edito post	SP-26	2005-01-24	5	.	9	.	1	.	ASN.1 correction

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## TS 33.200

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-15  
WG (prime / other): S3 / -  
G: U: yes  
rapporteur: ESCOTT, Adrian  
MCC: POPE, Maurice  
QUALCOMM EUROPE S.A.R.L.  
remarks - general: 2001-05-24: title grows MAP; see 33.210 for IP equivalent.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-15	2002-03-26	5	.	0	.	0	.	0	
SP-18	2002-12-18	5	.	1	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.201 Access domain security

Rel-5 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): S3 /

rapporteur: POPE, Maurice  
POPE, Maurice

ETSI Secretariat

U: yes

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

## TS 33.203 3G security, Access security for IP-based services

Rel-5 current version: 5.9.0

freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S3 /

rapporteur: BOMAN, Krister  
POPE, Maurice

Telefon AB LM Ericsson

U: yes

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13 2001-10-03 0 . 4 . 0 anticipate v2.0.0 at SP-15

SP-14 2002-01-02 1 . 0 . 0 SP-010624

SP-15 2002-03-19 2 . 0 . 0 SP-020116

SP-15 2002-03-26 5 . 0 . 0 But CR at SP-15 to correct reference to SIP.

SP-15 2002-03-26 5 . 1 . 0

SP-16 2002-06-19 5 . 2 . 0

SP-17 2002-09-18 5 . 3 . 0

SP-18 2002-12-18 5 . 4 . 0

SP-19 2003-03-24 5 . 5 . 0

There are two annexes J, this will be

corrected after SP-20.

SP-20 2003-06-18 5 . 6 . 0

SP-21 2003-09-30 5 . 7 . 0

SP-22 2004-01-08 5 . 8 . 0

SP-25 2004-09-27 5 . 9 . 0

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ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

Rel-5

WG (prime / other): S3 / -

Telenor AS

rapporteur: KOIEN, Geir  
MCC: POPE, Maurice

freeze\_meeting: SP-15

U: yes  
remarks - this release:

remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).

history (event, available, version, comments, hyperlink):

SP-14	2002-01-02	1	0	0	0	SP-010623
SP-15	2002-03-19	2	0	0	0	SP-020117
SP-15	2002-03-26	5	0	0	0	
SP-16	2002-06-19	5	1	0	0	
SP-18	2002-12-18	5	2	0	0	
SP-19	2003-03-24	5	3	0	0	
SP-20	2003-06-18	5	4	0	0	
SP-21	2003-09-30	5	5	0	0	

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## TR 33.900

Rel-5

DRAFT

WG (prime / other): S3 / -

DTI - Department of Trade and Industry

rapporteur: BROOKSON, Charles  
MCC: POPE, Maurice

freeze\_meeting: SP-15

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	4	1	1	0	v number seems to have restarted. Not uploaded for fear of confusion.
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.903 Access Security for IP based services

Rel-5 current version: none  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S3 / - rapporteur: VACANT,  
G: U: yes MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## Rel-5 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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### TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-5 current version: 5.3.0  
freeze\_meeting: TP-24

remarks - general:

WG (prime / other): T1 / - rapporteur: CHALABI, Nohman  
G: U: yes MCC: BAEV, Stoyan  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-23	2004-04-01	5	0	0	<a href="#">get it</a>
TP-24	2004-06-25	5	1	0	<a href="#">get it</a>
TP-25	2004-09-30	5	2	0	<a href="#">get it</a>
TP-26	2005-01-13	5	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 current version: 5.4.0 freeze\_meeting: RP-15 rapporteur: BERGGREN, Anders Ericsson Incorporated

WG (prime / other): R2 / T1 MCC: ARZELIER, Claude

U: yes remarks - this release:

remarks - general: TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
TSG#9: Stable, so txfered from T1 to R2.

history (event, available, version, comments, hyperlink):

RP-15	2002-03-19	5	.	0	.	0		<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0		<a href="#">get it</a>
RP-18	2003-01-13	5	.	2	.	0		<a href="#">get it</a>
RP-19	2003-03-25	5	.	3	.	0		<a href="#">get it</a>
RP-25	2004-09-27	5	.	4	.	0		<a href="#">get it</a>

## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-5 current version: 5.6.0 freeze\_meeting: TP-20 rapporteur: HIGUCHI, Kenji ADVANTEST Corporation

WG (prime / other): T1 / - MCC: BAEV, Stoyam

U: yes remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-20	2003-06-17	5	.	0	.	0		<a href="#">get it</a>
TP-21	2003-10-10	5	.	1	.	0		<a href="#">get it</a>
CR266 pars	2003-10-13	5	.	1	.	1		<a href="#">get it</a>
TP-22	2004-01-20	5	.	2	.	0		<a href="#">get it</a>
TP-23	2004-04-01	5	.	3	.	0		<a href="#">get it</a>
TP-23	2004-04-05	5	.	3	.	1	Corrects implementation of CR333	<a href="#">get it</a>
TP-24	2004-06-25	5	.	4	.	0		<a href="#">get it</a>
TP-25	2004-09-30	5	.	5	.	0		<a href="#">get it</a>
TP-26	2005-01-06	5	.	6	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

Rel-5 current version: 5.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): T1 / -

G: U: yes

rapporteur: MAUCKSCH, Thomas

MCC: BAEV, Stoyan

ROHDE & SCHWARZ GmbH & Co.KG

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-22 2004-01-22 5 . 0 . 0

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## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-5 current version: 5.10.0

freeze\_meeting: TP-16

remarks - general:

WG (prime / other): T1 / -

G: U: yes

rapporteur: SULTAN, Alain

MCC: BAEV, Stoyan

SOURCE COM

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-16 2002-06-19 5 . 0 . 0

corrects page 2002-06-24 5 . 0 . 1

headers

TP-17 2002-09-10 5 . 1 . 0

edito post TP-17 2002-09-20 5 . 1 . 1 There were two annexes C !

TP-18 2002-12-18 5 . 2 . 0

TP-19 2003-03-24 5 . 3 . 0

TP-20 2003-06-17 5 . 4 . 0

TP-21 2003-10-13 5 . 5 . 0

TP-22 2004-01-22 5 . 6 . 0

TP-23 2004-04-01 5 . 7 . 0 CR668 not implementable (written to old version of spec).

TP-23 2004-04-13 5 . 7 . 1 Spirit of CR668 implemented, after consultation with T.

TP-24 2004-07-01 5 . 8 . 0

TP-25 2004-09-30 5 . 9 . 0

TP-26 2005-01-07 5 . 10 . 0

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ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-5 current version: 5.10.0 rapporteur: HU, Shicheng  
freeze\_meeting: TP-16 G: BAEV, Stoyan

ETSI Secretariat

remarks - general: U: yes  
remarks - this release: MCC:

### history (event, available, version, comments, hyperlink):

TP-16	2002-06-19	5	.	0	.	0
TP-17	2002-09-10	5	.	1	.	0
TP-18	2002-12-18	5	.	2	.	0
TP-19	2003-03-24	5	.	3	.	0
TP-20	2003-06-17	5	.	4	.	0
TP-21	2003-10-10	5	.	5	.	0
TP-22	2004-01-16	5	.	6	.	0
TP-23	2004-04-01	5	.	7	.	0
TP-24	2004-06-28	5	.	8	.	0
TP-25	2004-09-30	5	.	9	.	0
TP-26	2005-01-07	5	.	10	.	0

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATs)

Rel-5 current version: none rapporteur: HU, Shicheng  
freeze\_meeting: U: yes G: BAEV, Stoyan

ETSI Secretariat

remarks - general: U: yes  
remarks - this release: MCC:  
remarks - this release: Rel-5 record created on freezing Rel-6, December 2004.

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: SOERENSEN, Ole NOKIA Corporation  
MCC: GUTIERREZ MIGUELEZ, Cesar

freeze\_meeting: RP-15  
remarks - general: T1->R4@TSG#10  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-15	2002-04-03	5	.	0	.	0	<a href="#">get it</a>
RP-17	2002-10-02	5	.	1	.	0	<a href="#">get it</a>
RP-18	2003-01-10	5	.	2	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	3	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	4	.	0	<a href="#">get it</a>

## TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests

WG (prime / other): T1 /  
G: yes U: yes  
rapporteur: ROSE, Ian Racal Instruments Wireless Solutions Limited  
MCC: BAEV, Stoyan

freeze\_meeting: TP-22  
remarks - general: TP-21: Title changed from "Measurement uncertainty". Completion date: end remarks - this release: TP-21: assume Rel-7 in view of projected end date. TP-22: Document ready for approval as Rel-5 (!)

### history (event, available, version, comments, hyperlink):

TP-22	2004-01-05	1	.	0	.	0	TP-030289 for information	<a href="#">get it</a>
T1-23		1	.	1	.	0		<a href="#">get it</a>
TP-24	2004-05-26	1	.	2	.	0		<a href="#">get it</a>
TP-26	2005-02-25	2	.	0	.	0	TP-040239	<a href="#">get it</a>
TP-26	2005-03-03	5	.	0	.	0	Late availability due to human error (mainly, the Spec Manager's - sorry!)	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

**TR 34.926** **Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rappporteur:* FENN, John B Research in Motion UK Limited  
*freeze\_meeting:* RP-15 *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
RP-15 2002-04-02 5 . 0 . 0 [get it](#)  
RP-23 2004-04-01 5 . 1 . 0 [get it](#)

## Rel-5 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

**TS 35.201** **Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *MCC:* G: POPE, Maurice  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

**TS 35.202** **Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *MCC:* G: POPE, Maurice  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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## TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data

Rel-5 current version: 5.0.0 rapporteur: WALKER, Michael  
freeze\_meeting: SP-15 G: U: yes POPE, Maurice  
remarks - general: ex SAGE; supplied by ETSI under licence  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data

Rel-5 current version: 5.0.0 rapporteur: WALKER, Michael  
freeze\_meeting: SP-15 G: U: yes POPE, Maurice  
remarks - general: ex SAGE; supplied by ETSI under licence  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 35.205 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document 1: General

Rel-5 current version: 5.0.0 WG (prime / other): S3 rapporteur: WALKER, Michael  
VODAFONE Group Plc  
freeze\_meeting: SP-15 G: U: yes POPE, Maurice  
remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series) ACTIVE specs Rel-5 35 .- series

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**TS 35.206** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** Document  
Rel-5 *current version: 2: Algorithm specification* S3 WG (prime / other): S3  
VODAFONE Group Plc 5.1.0

*freeze\_meeting:* SP-15  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0  
SP-20 2003-06-18 5 . 1 . 0

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**TS 35.207** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** Document  
Rel-5 *current version: 3: Implementors' test data* S3 WG (prime / other): S3  
VODAFONE Group Plc 5.0.0

*freeze\_meeting:* SP-15  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0

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**TS 35.208** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** Document  
Rel-5 *current version: 4: Design conformance test data* S3 WG (prime / other): S3  
VODAFONE Group Plc 5.0.0

*freeze\_meeting:* SP-15  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document  
Rel-5 current version: 5: Summary and results of design and evaluation 5.0.0WG (prime / other): S3 /- WALKER, Michael  
VODAFONE Group Plc rapporteur:

freeze\_meeting: SP-15 G: U: yes MCC: POPE, Maurice  
remarks - general: ex SAGE remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## Rel-5 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0  
Rel-5 current version: 5.0.0 WG (prime / other): S3 /- rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new  
freeze\_meeting: SP-15 G: yes U: MCC: POPE, Maurice One  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

## TR 41.033 Lawful Interception requirements for GSM

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

WG (prime / other): S3 / -  
G: yes U: MCKIBBEN, Bernie  
MOTOROLA GmbH

rapporteur: POPE, Maurice  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0

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## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5  
current version: 5.9.0  
freeze\_meeting: SP-20

WG (prime / other): SP /  
G: yes U: MEREDITH, John M  
ETSI Secretariat

rapporteur: POPE, Maurice  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 5 . 4 . 0 Created from 41.103 v5.4.0  
SP-22 2004-01-15 5 . 5 . 0  
Edito post SP-22 2004-01-22 5 . 5 . 1  
Edito post SP-22 2004-01-23 5 . 5 . 2  
SP-23 2004-04-02 5 . 6 . 0  
SP-24 2004-06-24 5 . 7 . 0  
SP-25 2004-09-29 5 . 8 . 0  
SP-26 2005-01-04 5 . 9 . 0

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Rel-5

42 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 WG (prime / other): T3 / - rapporteur: DIETRICH, Christian  
freeze\_meeting: TP-15 G: yes U: THOMASEN, Gert

Axalto S.A.

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12 2001-07-06 5 . 0 . 0 [get it](#)

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## TS 42.033 Lawful Interception; Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S3 /

G: yes U:

rapporteur: MCKIBBEN, Bernie

MCC: POPE, Maurice

MOTOROLA GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 42.043 Support of Localised Service Area (SoLSA), Service description; Stage 1

Rel-5 WG (prime / other): S1 /

freeze\_meeting: SP-16 G: yes U:

remarks - general: Was 22.043 at Rel99.

rapporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S1 / -

rappporteur: POIRAUD, Patrick  
MCC: CLAYTON, Michael

ALCATEL S.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

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## TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-5  
current version: 5.0.1  
freeze\_meeting: SP-16

WG (prime / other): S1 / -

rappporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0  
correct title line 2002-10-22 5 . 0 . 1

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## TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-5  
current version: 5.0.1  
freeze\_meeting: SP-16

WG (prime / other): S1 / -

rappporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0  
post SP-16 edito to 2002-07-29 5 . 0 . 1  
history box

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

Rel-5 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.005 Technical performance objectives

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): NP / -  
G: yes U: rapporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David

remarks - this release: NP-21: Decision not to progress this to Rel-6. NP-26: change of plan!

history (event, available, version, comments, hyperlink):

NP-16 2002-07-04 5 . 0 . 0 Note that the doc is really a TR not a TS [get it](#)  
(cover sheet is wrong)

## TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N3 / -  
G: yes U: rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-15 2002-03-20 5 . 0 . 0 [get it](#)  
NP-17 2002-09-17 5 . 1 . 0 [get it](#)  
NP-18 2003-01-06 5 . 2 . 0 [get it](#)

## TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-5  
current version: 5.0.0  
freeze\_meeting: GP-10

remarks - general:

WG (prime / other): G1 / -  
G: yes U: rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2

Rel-5 current version: 5.6.0 / -  
freeze\_meeting: TP-15 Axalto S.A.  
rapporteur: DIETRICH, Christian  
MCC: THOMASEN, Gert

remarks - general: For test spec, see 51.013. remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12 2001-11-12 5 . 0 . 0  
fix annexed library 2001-11-21 5 . 0 . 1

file

TP-14 2002-01-17 5 . 1 . 0  
TP-15 2002-04-02 5 . 2 . 0  
TP-16 2002-06-25 5 . 3 . 0  
TP-17 2002-09-27 5 . 4 . 0  
TP-18 2003-01-08 5 . 5 . 0  
TP-19 2003-03-26 5 . 6 . 0

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## TS 43.020 Security-related network functions

Rel-5 current version: 5.0.0 / NP / GP  
freeze\_meeting: SP-16 France Telecom  
rapporteur: GILBERT, Henri  
MCC: POPE, Maurice

WG (prime / other): S3 / NP / GP  
G: yes U: POPE, Maurice

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0 many invalid references

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

WG (prime / other): G1 / N1

G: yes U:

rapporteur: HOWELL, Andrew  
USAI, Paolino

MOTOROLA Ltd

MCC:

remarks - this release:

remarks - general: Moved from SMG3 Jan 2000.

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0

GP-11 2002-09-19 5 . 1 . 0

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## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

WG (prime / other): G1 / NP

G: yes U:

rapporteur: ANDERSEN, Niels Peter  
Skov  
USAI, Paolino

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0

re-issue as TR (not 2002-07-31 5 . 0 . 1

TS) as per 03.26

[get it](#)

[get it](#)

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## TR 43.030 Radio network planning aspects

WG (prime / other): G1 / -

G: yes U:

TeliaSonera AB

rapporteur: TEGTH, Ulf  
USAI, Paolino

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0

reissue as TR 5 . 0 . 1

instead of TS

GP-11 2002-09-19 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.033 3G security; Lawful Interception; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie  
G: yes U: POPE, Maurice  
MOTOROLA GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0

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## TS 43.045 Technical Realization of Facsimile Group 3 Service - transparent

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
KT Freetel Co., Ltd.

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-15 2002-03-20 5 . 0 . 0

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## TS 43.050 Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

Rel-5  
current version: 5.10.0  
freeze\_meeting: GP-09  
remarks - general: Originally created as 03.51r00

WG (prime / other): G1 / -

rapporteur: SÉBIRE, Guillaume  
MCC: USAI, Paolino

NOKIA Corporation

G: yes U:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-03	2001-02-15	5	.	0	.	0
GP-04	2001-04-20	5	.	1	.	0
GP-05	2001-06-28	5	.	2	.	0
GP-06	2001-10-01	5	.	3	.	0
GP-07	2002-01-04	5	.	4	.	0
GP-08	2002-02-19	5	.	5	.	0
GP-09	2002-05-06	5	.	6	.	0
GP-11	2002-09-19	5	.	7	.	0
GP-12	2003-01-03	5	.	8	.	0
GP-14	2003-04-25	5	.	9	.	0
GP-16	2003-09-12	5	.	10	.	0

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## TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: GP-10

WG (prime / other): G1 / -

rapporteur: GIRAUD, Alexis  
MCC: USAI, Paolino

ALCATEL S.A.

G: yes U:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-10	2002-07-19	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-5  
current version: 5.5.0  
freeze\_meeting: GP-10

WG (prime / other): G1 / G2  
rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
USAI, Paolino

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-10	2002-07-19	5	.	0	.	0
GP-14	2003-04-25	5	.	1	.	0
GP-16	2003-09-12	5	.	2	.	0
GP-21	2004-09-20	5	.	3	.	0
GP-22	2004-12-02	5	.	4	.	0
GP-23	2005-02-11	5	.	5	.	0

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## TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S4 / -  
rapporteur: MONFORT, Jean-Yves France Telecom  
USAI, Paolino

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-28	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-5 current version: 5.4.0 WG (prime / other): G1 / - rapporteur: LIVINGSTON, Margaret NOKIA Corporation  
freeze\_meeting: GP-09 G: yes U: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-06	2001-10-01	5	.	0	.	0
GP-07	2002-01-04	5	.	1	.	0
GP-08	2002-02-19	5	.	2	.	0
GP-09	2002-05-06	5	.	3	.	0
remove hidden text	2003-04-25	5	.	3	.	1
GP-19	2004-05-06	5	.	4	.	0

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## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

Rel-5 current version: 5.3.0 WG (prime / other): G1 / - rapporteur: LEPPISAARI, Aito NOKIA Corporation  
freeze\_meeting: GP-09 G: yes U: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-09	2002-05-06	5	.	0	.	0
GP-14	2003-04-25	5	.	1	.	0
make figs 20 and 25 legible	2003-05-02	5	.	1	.	1
GP-16	2003-09-12	5	.	2	.	0
GP-19	2004-05-06	5	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-5  
current version: 5.4.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G:yes U: Nortel Networks (USA)

MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-19	5	.	0	.	0
post NP-16 edito	2002-06-28	5	.	0	.	1
NP-17	2002-09-17	5	.	1	.	0
NP-18	2002-12-18	5	.	2	.	0
NP-21	2003-10-08	5	.	3	.	0
NP-25	2004-09-27	5	.	4	.	0

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## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5  
current version: 5.4.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G:yes U: Nortel Networks (USA)

MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-19	5	.	0	.	0
post NP-16 edito	2002-06-28	5	.	0	.	1
NP-17	2002-09-17	5	.	1	.	0
NP-18	2002-12-18	5	.	2	.	0
NP-21	2003-10-08	5	.	3	.	0
NP-25	2004-09-27	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general: SP-16: derived from 23.073 on reversion to GERAN-only service.

WG (prime / other): N4 / -

rporteur: KYMALAINEN, Kimmo TeliSonera AB

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0 Technically identical to v4.0.0

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## TS 43.130 Iur-g interface; Stage 2

Rel-5 current version: 5.0.0

freeze\_meeting: GP-11

remarks - general: Created identical to last version of 43.930. Also moved from G2 to G1.

WG (prime / other): G1 / -

rporteur: CARRIZO MARTINEZ, VODAFONE Group Plc

Jose Luis  
USAI, Paolino

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-16 5 . 0 . 0 Technically identical to TR.43.930 v5.1.0

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Rel-5 **44** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: NP-15

JURISIC, Andrijana

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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## TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-11

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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## TS 44.004 Layer 1 - General Requirements

WG (prime / other): G2 / -

rapporteur: ISAACS, Ken

freeze\_meeting: GP-09

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-06 2001-11-15 5 . 0 . 0

GP-07 2002-01-08 5 . 1 . 0

GP-09 2002-05-06 5 . 2 . 0

GP-17 2003-12-05 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.005 Data Link (DL) Layer General Aspects

Rel-5 current version: 5.0.1

freeze\_meeting: GP-11

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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## TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Rel-5 current version: 5.0.1

freeze\_meeting: GP-11

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

post GP-11 editorial 2003-12-05 5 . 0 . 1

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## TS 44.012 Short Message Service Cell Broadcast (SMS-CB) support on the mobile radio interface

Rel-5 current version: 5.0.1

freeze\_meeting: GP-11

remarks - general: Rel-4 onwards. (Rel-99 was 24.012)

WG (prime / other): G2 / N2 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-5  
freeze\_meeting: NP-15

VODAFONE LTD

DAWES, Peter  
JURISIC, Andrijana

rappporteur:  
MCC:

WG (prime / other): N1 / -  
G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-20 5 . 0 . 0

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## TS 44.014

Rel-5  
freeze\_meeting: GP-11

MOTOROLA Ltd

HOWELL, Andrew  
THOMASEN, Gert

rappporteur:  
MCC:

WG (prime / other): G2 / -  
G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-11 2002-09-27 5 . 0 . 0  
GP-13 2003-02-21 5 . 1 . 0  
GP-15 2003-07-10 5 . 2 . 0  
GP-20 2004-07-23 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-5  
current version: 5.19.0  
freeze\_meeting: GP-09

reporteur: HOWELL, Andrew  
MOTOROLA Ltd

MCC: THOMASEN, Get

WG (prime / other): G2 / -

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	5	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-18	5	.	1	.	0	<a href="#">get it</a>
GP-06	2001-09-10	5	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-08	5	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	4	.	0	<a href="#">get it</a>
GP-09	2002-05-02	5	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	6	.	0	<a href="#">get it</a>
GP-11	2002-09-16	5	.	7	.	0	<a href="#">get it</a>
GP-12	2002-12-17	5	.	8	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	9	.	0	<a href="#">get it</a>
GP-14	2003-04-28	5	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-10	5	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	12	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	13	.	0	<a href="#">get it</a>
GP-18	2004-02-23	5	.	14	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	15	.	0	<a href="#">get it</a>
GP-20	2004-07-23	5	.	16	.	0	<a href="#">get it</a>
GP-21	2004-09-04	5	.	17	.	0	<a href="#">get it</a>
GP-22	2004-11-29	5	.	18	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	19	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

WG (prime / other):

G: yes U:

RÄSÄNEN, Juha  
HAN, Seung Don

NOKIA Corporation

rappporteur:

MCC:

N3

/ -

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-14 2002-01-11 5 . 0 . 0

post NP-17 - 2002-10-02 5 . 0 . 1

replace illegible

figures

NP-17 2002-09-18 5 . 1 . 0

post NP-17 - 2002-10-02 5 . 1 . 1

replace illegible

figures

NP-18 2003-01-06 5 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.031

Rel-5 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)

current version: 5.12.0

freeze\_meeting: GP-09

WG (prime / other): G2 / -

rappporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

Nortel Networks (USA)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-06	2001-09-14	5	.	0	.	0
GP-07	2002-01-08	5	.	1	.	0
GP-08	2002-02-19	5	.	2	.	0
GP-09	2002-05-02	5	.	3	.	0
GP-10	2002-07-19	5	.	4	.	0
GP-11	2002-09-16	5	.	5	.	0
GP-16	2003-09-12	5	.	6	.	0
GP-18	2004-02-23	5	.	7	.	0
GP-19	2004-05-06	5	.	8	.	0
GP-20	2004-07-23	5	.	9	.	0
GP-21	2004-09-04	5	.	10	.	0
GP-22	2004-11-29	5	.	11	.	0
GP-23	2005-02-11	5	.	12	.	0

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## TS 44.035

Rel-5 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

current version: 5.0.1

freeze\_meeting: GP-11

WG (prime / other): G2 / -

rappporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

Nortel Networks (USA)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11	2002-09-27	5	.	0	.	0	
edito post	GP-11	2002-12-17	5	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

Rel-5 WG (prime / other): N1 / -

rapporteur: HUPPERICH, Peter

JURISIC, Andrijana

ALCATEL S.A.

MCC:

freeze\_meeting: NP-15

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

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## TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

Rel-5 WG (prime / other): N1 / -

rapporteur: HUPPERICH, Peter

JURISIC, Andrijana

ALCATEL S.A.

MCC:

freeze\_meeting: NP-15

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

Rel-5  
current version: 5.15.0  
freeze\_meeting: GP-09

rapporteur: HOWELL, Andrew  
MOTOROLA Ltd

G: yes U:

remarks - general: General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

remarks - this release: *remarks - this release:*

### history (event, available, version, comments, hyperlink):

GP-08	2002-02-19	5	.	0	.	0	<a href="#">get it</a>
GP-09	2002-05-03	5	.	1	.	0	<a href="#">get it</a>
edito post GP-09	2002-05-28	5	.	1	.	1	<a href="#">get it</a>
GP-10	2002-07-19	5	.	2	.	0	<a href="#">get it</a>
GP-11	2002-09-16	5	.	3	.	0	<a href="#">get it</a>
GP-12	2002-12-17	5	.	4	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	5	.	0	<a href="#">get it</a>
GP-14	2003-04-29	5	.	6	.	0	<a href="#">get it</a>
GP-15	2003-07-10	5	.	7	.	0	<a href="#">get it</a>
GP-16	2003-09-13	5	.	8	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	9	.	0	<a href="#">get it</a>
GP-18	2004-02-23	5	.	10	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	11	.	0	<a href="#">get it</a>
GP-20	2004-07-23	5	.	12	.	0	<a href="#">get it</a>
GP-21	2004-09-04	5	.	13	.	0	<a href="#">get it</a>
GP-22	2004-11-29	5	.	14	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	15	.	0	<a href="#">get it</a>

## TS 44.064

Rel-5  
current version: 5.1.0

freeze\_meeting: NP-15

## Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

rapporteur: DOIIG, Ian  
MOTOROLA S.A.S

G: yes U:

remarks - general: *remarks - this release:*

### history (event, available, version, comments, hyperlink):

NP-14	2002-01-04	5	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-19	5	.	1	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

Rel-5 current version: 5.2.0  
freeze\_meeting: NP-15

WG (prime / other): N1 / -  
G: yes U: [get it](#)

rapporteur: DOIG, Ian

MCC: JURISIC, Andrijana

MOTOROLA S.A.S

remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.

history (event, available, version, comments, hyperlink):

NP-16	2002-06-19	5	.	0	.	0
NP-21	2003-10-10	5	.	1	.	0
NP-25	2004-09-27	5	.	2	.	0

---

## TS 44.068 Group Call Control (GCC) Protocol

Rel-5 current version: 5.0.1

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / -

G: yes U: [get it](#)

rapporteur: GARAPATY, Sonia

MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-19	5	.	0	.	0
post NP-16 edito	2002-06-26	5	.	0	.	1

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Correct faulty styles / clause numbering

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## TS 44.069 Broadcast Call Control (BCC) protocol

Rel-5 current version: 5.0.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / -

G: yes U: [get it](#)

rapporteur: GARAPATY, Sonia

MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16	2002-06-19	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-5 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.1

freeze\_meeting: GP-11

G: yes U:

MCC:

Skov

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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## TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode

Rel-5 WG (prime / other): G2 / rapporteur: VIRTEJ, Iuliana NOKIA Corporation

current version: 5.10.0

freeze\_meeting: GP-09

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-08 2002-03-20 1 . 1 . 0 GP-020289

draft 2002-03-26 1 . 2 . 0

GP-08 2002-03-27 1 . 3 . 0 GP-02794

draft 2002-05-07 1 . 4 . 0

GP-10 2002-07-19 5 . 0 . 0

GP-11 2002-09-19 5 . 1 . 0

GP-12 2002-12-17 5 . 2 . 0

GP-13 2003-02-21 5 . 3 . 0

GP-14 2003-04-28 5 . 4 . 0

GP-15 2003-07-10 5 . 5 . 0

GP-16 2003-09-13 5 . 6 . 0

GP-17 2003-12-05 5 . 7 . 0

GP-18 2004-02-23 5 . 8 . 0

GP-19 2004-05-06 5 . 9 . 0

GP-20 2004-07-23 5 . 10 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

**TS 44.160** **General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode**  
Rel-5  
current version: 5.8.0  
freeze\_meeting: GP-09  
WG (prime / other): G2 /  
rapporteur: N, A  
MCC: THOMASEN, Gert  
One  
Indicate persons who left Company and wait for new  
remarks - general: Created GP-08; see GP-020483. 2002-07-18: G1->G2.  
G: yes U:  
remarks - this release:

## history (event, available, version, comments, hyperlink):

GP-09	2002-04-22	0	2	0	GP-020803
GP-10	2002-07-19	5	0	0	
GP-11	2002-09-19	5	1	0	
GP-12	2002-12-17	5	2	0	
GP-13	2003-02-21	5	3	0	
GP-14	2003-04-29	5	4	0	
GP-15	2003-07-10	5	5	0	
GP-16	2003-09-13	5	6	0	
CR066	2003-09-30	5	6	1	
GP-17	2003-12-05	5	7	0	
GP-19	2004-05-06	5	8	0	

## TR 44.901 External Network Assisted Cell Change (NACC)

Rel-5  
current version: 5.1.0  
freeze\_meeting: GP-09  
WG (prime / other): G2 / -  
rapporteur: BACKLUND, Ingemar  
G: yes U:  
MCC: THOMASEN, Gert  
Telefon AB LM Ericsson  
remarks - general: 2003-07-03 (JMM): WI UID 23011?. See also 25.901.  
remarks - this release:

## history (event, available, version, comments, hyperlink):

GP-06	2002-04-04	0	4	0	
GP-08	2002-04-04	0	7	0	GP-020220
GP-08	2002-04-04	1	0	0	GP-020427
GP-08	2002-03-19	2	0	0	GP-020491
GP-08	2002-03-26	5	0	0	
GP-09	2002-05-06	5	1	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

Rel-5 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.001 Physical layer on the radio path; General description

Rel-5 current version: 5.8.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: USAI, Paolino

NOKIA MOBILE PHONES

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-15	5	.	0	.	0
GP-06	2001-10-01	5	.	1	.	0
GP-07	2002-01-04	5	.	2	.	0
GP-09	2002-05-06	5	.	3	.	0
GP-10	2002-07-19	5	.	4	.	0
GP-12	2003-01-03	5	.	5	.	0
GP-14	2003-04-25	5	.	6	.	0
GP-17	2003-12-05	5	.	7	.	0
GP-22	2004-12-02	5	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 current version: 5.13.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoit

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-15	5	.	0	.	0	
edito	2001-02-27	5	.	0	.	1	
GP-04	2001-04-20	5	.	1	.	0	
GP-06	2001-10-01	5	.	2	.	0	
GP-07	2002-01-04	5	.	3	.	0	
GP-08	2002-02-19	5	.	4	.	0	
GP-09	2002-05-06	5	.	5	.	0	
GP-10	2002-07-19	5	.	6	.	0	
GP-12	2003-01-03	5	.	7	.	0	
GP-13	2003-02-21	5	.	8	.	0	
GP-14	2003-04-25	5	.	9	.	0	
GP-15	2003-07-11	5	.	10	.	0	
GP-16	2003-09-12	5	.	11	.	0	
GP-19	2004-05-06	5	.	12	.	0	
GP-23	2005-02-11	5	.	13	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.003

Rel-5

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G1 / -

G: yes U:

SEBIRE, Benoit

USAI, Paolino

NOKIA Corporation

rapporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-06	5	.	0	.	0
GP-05	2001-06-28	5	.	1	.	0
GP-06	2001-10-01	5	.	2	.	0
GP-07	2002-01-04	5	.	3	.	0
GP-08	2002-02-19	5	.	4	.	0
GP-09	2002-05-06	5	.	5	.	0
GP-10	2002-07-19	5	.	6	.	0
GP-14	2003-04-25	5	.	7	.	0
GP-15	2003-07-11	5	.	8	.	0
GP-18	2004-02-20	5	.	9	.	0
GP-21	2004-09-22	5	.	10	.	0
GP-22	2004-12-02	5	.	11	.	0
GP-23	2005-02-11	5	.	12	.	0

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## TS 45.004

Rel-5

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G1 / -

G: yes U:

SEBIRE, Benoit

USAI, Paolino

NOKIA Corporation

rapporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-07	2002-01-04	5	.	0	.	0
GP-10	2002-07-19	5	.	1	.	0
Correction of	2003-09-26	5	.	1	.	1
wrong Release						
number in the front						
page						

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.005 Radio transmission and reception

Rel-5 current version: 5.11.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-05	2001-06-28	5	.	0	.	0	<a href="#">get it</a>
GP-06	2001-10-01	5	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	2	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	3	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	4	.	0	<a href="#">get it</a>
GP-11	2002-09-19	5	.	5	.	0	<a href="#">get it</a>
GP-12	2003-01-03	5	.	6	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	7	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	8	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	9	.	0	<a href="#">get it</a>
GP-22	2004-12-02	5	.	10	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	11	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.008 Radio subsystem link control

Rel-5 current version: 5.18.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G1 / -

rporteur: EL-SAIGH, Amer

MCC: USAI, Paolino

VODAFONE Group Plc

G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03		5	.	0	.	0	
GP-04	2001-04-20	5	.	1	.	0	<a href="#">get it</a>
GP-05	2001-06-28	5	.	2	.	0	<a href="#">get it</a>
GP-06	2001-10-01	5	.	3	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	4	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	5	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	6	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	7	.	0	<a href="#">get it</a>
GP-11	2002-09-19	5	.	8	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	9	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-11	5	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	12	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	13	.	0	<a href="#">get it</a>
GP-18	2004-02-20	5	.	14	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	15	.	0	<a href="#">get it</a>
GP-20	2004-07-09	5	.	16	.	0	<a href="#">get it</a>
GP-21	2004-09-22	5	.	17	.	0	<a href="#">get it</a>
GP-22	2004-12-02	5	.	18	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.009

Rel-5  
Link adaptation  
current version: 5.5.0  
freeze\_meeting: GP-09

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov  
USAI, Paolino

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-06	5	.	0	.	0
GP-06	2001-10-01	5	.	1	.	0
GP-07	2002-01-04	5	.	2	.	0
GP-08	2002-02-19	5	.	3	.	0
GP-09	2002-05-06	5	.	4	.	0
GP-10	2002-07-19	5	.	5	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 45.010

Rel-5  
Radio subsystem synchronization  
current version: 5.3.0  
freeze\_meeting: GP-10

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
USAI, Paolino

G: yes U: NOKIA MOBILE PHONES

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-10	2002-07-19	5	.	0	.	0
GP-11	2002-09-19	5	.	1	.	0
GP-13	2003-02-21	5	.	2	.	0
GP-16	2003-09-12	5	.	3	.	0

[get it](#)  
[get it](#)  
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

## TS 45.015 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

WG (prime / other): G1 / - rapporteur: ESCULIER, Carole NORTEL NETWORKS (EUROPE)

current version: 5.0.0  
freeze\_meeting: GP-22  
MCC: USAI, Paolino

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-22 2004-11-30 2 . 0 . 0 GP-042854 - but should have been  
created from Rel-4 version.

GP-22 2004-12-02 5 . 0 . 0

[get it](#)

[get it](#)

---

## TR 45.022 Radio link management in hierarchical networks

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han T-Mobile International AG

current version: 5.0.0  
freeze\_meeting: GP-10  
MCC: USAI, Paolino

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0

[get it](#)

---

## TR 45.050 Background for RF Requirements

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.1  
freeze\_meeting: GP-10  
MCC: Skov  
USAI, Paolino

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0

clean up 2002-09-19 5 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.056 CTS-FP Radio Sub-system

Rel-5  
current version: 5.0.0  
freeze\_meeting: GP-10

remarks - general:

WG (prime / other): G1 / - rapporteur: USAI, Paolino

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0

[get it](#)

## Rel-5 46 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

## TS 46.001 Full rate speech; Processing functions

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

## TS 46.002 Half rate speech; Half rate speech processing functions

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TS 46.006 Half-rate speech; ANSI-C code for GSM half-rate speech codec

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -

rapporteur: AFTELAK, Steve  
USAI, Paolino

MOTOROLA Ltd

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.007 Half rate speech; Test sequences for the GSM half rate speech codec

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -

rapporteur: AFTELAK, Steve  
USAI, Paolino

MOTOROLA Ltd

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -

rapporteur: SALEM, Tarek  
USAI, Paolino

T-MOBILE DEUTSCHLAND

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.010 Full-rate speech; Transcoding

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino

PHILIPS Semiconductors

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.011

Rel-5  
Full rate speech; Substitution and muting of lost frames for full rate speech channels

current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: NAVARRO, William  
MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.012

Rel-5  
Full rate speech; Comfort noise aspect for full rate speech traffic channels

current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: SERENO, Daniele  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TS 46.020 Half rate speech; Half rate speech transcoding

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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## TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.022 Half rate speech; Comfort noise aspects for the half rate speech traffic channels

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.031 Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels

Rel-5 current version: 5.0.0 / - rapporteur: USAI, Paolino  
freeze\_meeting: SP-16 G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.032 Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels

Rel-5 current version: 5.0.0 / - rapporteur: BARRETT, Paul  
freeze\_meeting: SP-16 G: yes U: USAI, Paolino  
Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.041 Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels

Rel-5 current version: 5.0.0 / - rapporteur: USAI, Paolino  
freeze\_meeting: SP-16 G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.042 Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
WG (prime / other): S4 / -  
rapporteur: BARRETT, Paul  
MCC: USAI, Paolino  
G: yes U:  
remarks - this release: Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.051 Enhanced Full Rate (EFR) speech processing functions; General description

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
WG (prime / other): S4 / -  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
G: yes U:  
remarks - this release: NOKIA Corporation

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.053 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
WG (prime / other): S4 / -  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
G: yes U:  
remarks - this release: NOKIA Corporation

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

## TS 46.054 Test sequences for the GSM Enhanced Full Rate (EFR) speech codec

current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
USAI, Paolino

NOKIA Corporation

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TR 46.055 Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec

current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S4 / -

rapporteur: SALEM, Tarek  
USAI, Paolino

T-MOBILE DEUTSCHLAND

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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## TS 46.060 Enhanced Full Rate (EFR) speech transcoding

current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
USAI, Paolino

NOKIA Corporation

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.061 Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: JÄRVINEN, Kari

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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## TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: JÄRVINEN, Kari

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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## TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report

WG (prime / other): S4 / -

G: yes U:

rapporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 5 . 0 . 0

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On freezing Rel-6, notice that no Rel-5 version previously existed!

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.081 Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -

current version: 5.0.0

freeze\_meeting: SP-16

G: yes U:

rapporteur: JÄRVINEN, Kari  
USAI, Paolino

MCC: NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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## TS 46.082 Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -

current version: 5.0.0

freeze\_meeting: SP-16

G: yes U:

rapporteur: JÄRVINEN, Kari  
USAI, Paolino

MCC: NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TR 46.085 Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation

WG (prime / other): S4 / -

current version: 5.0.0

freeze\_meeting: SP-16

G: yes U:

rapporteur: USAI, Paolino  
USAI, Paolino

MCC: TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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Rel-5 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-5 48 .- series

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## TS 48.001 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects

Rel-5 current version: 5.0.1 freeze\_meeting: GP-11 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: THOMASEN, Gert

MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

[get it](#)  
[get it](#)

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## TS 48.002 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles

Rel-5 current version: 5.1.0 freeze\_meeting: GP-09 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: THOMASEN, Gert

MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-10-05 5 . 0 . 0  
GP-09 2002-05-06 5 . 1 . 0

[get it](#)  
[get it](#)

---

## TS 48.004 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification

Rel-5 current version: 5.0.1 freeze\_meeting: GP-11 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: THOMASEN, Gert

MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

**TS 48.006** Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface  
Rel-5 current version: 5.0.1  
freeze\_meeting: GP-11

remarks - general:

G: yes U:

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

[get it](#)  
[get it](#)

**TS 48.008** Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification  
Rel-5 current version: 5.12.0  
freeze\_meeting: GP-09

remarks - general:

G: yes U:

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-04 2001-05-04 5 . 0 . 0  
GP-05 2001-06-19 5 . 1 . 0  
GP-06 2001-09-14 5 . 2 . 0  
GP-07 2002-01-08 5 . 3 . 0  
GP-08 2002-02-19 5 . 4 . 0  
GP-09 2002-05-06 5 . 5 . 0  
GP-10 2002-07-19 5 . 6 . 0  
GP-11 2002-09-16 5 . 7 . 0  
GP-12 2002-12-18 5 . 8 . 0  
GP-15 2003-07-10 5 . 9 . 0  
GP-16 2003-09-12 5 . 10 . 0  
GP-17 2003-12-05 5 . 11 . 0  
GP-19 2004-05-06 5 . 12 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-5 48 .- series

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**TS 48.014** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11

G: yes U: *MCC:* THOMASEN, Gert  
*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*  
GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)

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**TS 48.016** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* G2 / - *rapporporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09

G: yes U: *MCC:* THOMASEN, Gert  
*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*  
GP-06 2001-09-14 5 . 0 . 0 [get it](#)  
GP-07 2002-01-08 5 . 1 . 0 [get it](#)  
GP-15 2003-07-10 5 . 2 . 0 [get it](#)  
GP-20 2004-07-23 5 . 3 . 0 [get it](#)  
GP-22 2004-11-29 5 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

## TS 48.018 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol

Rel-5 MOTOROLA Ltd

WG (prime / other): G2 / -  
rporteur: BLACK, Jyoti  
MCC: THOMASEN, Gert

freeze\_meeting: GP-09

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-06	2001-09-10	5	.	0	.	0
GP-07	2002-01-08	5	.	1	.	0
GP-08	2002-02-19	5	.	2	.	0
GP-09	2002-05-06	5	.	3	.	0
GP-10	2002-07-19	5	.	4	.	0
GP-11	2002-09-16	5	.	5	.	0
edito	2002-12-17	5	.	5	.	1
GP-13	2003-02-21	5	.	6	.	0
Editorial correction	2003-04-29	5	.	6	.	1

of reference in

tables 10.2.1 and

10.2.2

GP-15	2003-07-10	5	.	7	.	0
GP-17	2003-12-05	5	.	8	.	0
GP-18	2004-02-23	5	.	9	.	0
GP-19	2004-05-06	5	.	10	.	0
GP-22	2004-11-29	5	.	11	.	0

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## TS 48.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-5 NOKIA Corporation

WG (prime / other): N3 / -  
rporteur: RÄSÄNEN, Juha  
MCC: HAN, Seung Don

freeze\_meeting: NP-15

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-14	2002-01-11	5	.	0	.	0
NP-17	2002-09-18	5	.	1	.	0
NP-18	2003-01-09	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.031** Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification  
Rel-5 current version: 5.0.0  
freeze\_meeting: GP-10

remarks - general:

G: yes U:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-10 2002-07-19 5 . 0 . 0

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**TS 48.051** Base Station Controller - Base Transceiver Station (BSC-BTS) interface; General aspects  
Rel-5 current version: 5.0.1  
freeze\_meeting: GP-11

remarks - general:

G: yes U:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

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**TS 48.052** Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles  
Rel-5 current version: 5.0.1  
freeze\_meeting: GP-11

remarks - general:

G: yes U:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-5 48 .- series

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## TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.1

freeze\_meeting: GP-11

Skov

THOMASEN, Gert

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.0

freeze\_meeting: GP-11

Skov

THOMASEN, Gert

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Rel-5 WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.6.0

Skov

MCC:

THOMASEN, Gert

freeze\_meeting: GP-09

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	5	.	0	.	0
GP-05	2001-06-18	5	.	1	.	0
GP-06	2001-09-10	5	.	2	.	0
GP-07	2002-01-08	5	.	3	.	0
GP-08	2002-02-19	5	.	4	.	0
GP-09	2002-05-06	5	.	5	.	0
GP-10	2002-07-19	5	.	6	.	0

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## TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels

Rel-5 WG (prime / other): G1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.2.0

Skov

MCC:

USAI, Paolino

freeze\_meeting: GP-09

G: yes U:

remarks - general:

remarks - this release:

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - > G1.

history (event, available, version, comments, hyperlink):

GP-09	2002-05-06	5	.	0	.	0
GP-10	2002-07-19	5	.	1	.	0
GP-11	2002-09-19	5	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) Rel-5 ACTIVE specs 48 .- series

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## TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels

Rel-5 *WG (prime / other):* G1 / NP *rappporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09 Skov USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1. *MCC:*

*history (event, available, version, comments, hyperlink):*  
GP-09 2002-05-06 5 . 0 . 0 [get it](#)

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## TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification

Rel-5 *WG (prime / other):* G2 / - *rappporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov THOMASEN, Gert

*remarks - general:* *MCC:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)  
GP-15 2003-07-10 5 . 1 . 0 [get it](#)

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Rel-5 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

## TR 49.001 General network interworking scenarios

Rel-5 current version: 5.0.1

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

edito post NP-26 2005-01-11 5 . 0 . 1 Change cover page: TS -> TR

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## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-5 current version: 5.1.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-19 5 . 0 . 0

NP-19 2003-03-24 5 . 1 . 0

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## TS 49.031 Location Services (LCS): Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-5 current version: 5.4.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: MCC: Skov THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-06 2001-10-02 5 . 0 . 0

edito 2001-10-03 5 . 0 . 1

GP-07 2002-01-08 5 . 1 . 0

GP-08 2002-02-19 5 . 2 . 0

GP-10 2002-07-19 5 . 3 . 0

GP-19 2004-05-06 5 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

Rel-5 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification  
Rel-5 current version: 5.11.0 freeze\_meeting: SP-15 ETSI Secretariat

WG (prime / other): G3new/ S1 / NP / T2 / SCP rapporteur: HU, Shicheng

G: yes U: BAEV, Stoyan MCC:

remarks - general: 2001-11-19: G4->G5.  
remarks - this release:

## history (event, available, version, comments, hyperlink):

GP-11	2002-09-20	5	.	0	.	0	<a href="#">get it</a>
GP-12	2002-12-20	5	.	1	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	2	.	0	<a href="#">get it</a>
replacement of omitted text post	2003-02-28	5	.	2	.	1	<a href="#">get it</a>
GP-13							
GP-14	2003-04-25	5	.	3	.	0	<a href="#">get it</a>
GP-15	2003-07-22	5	.	4	.	0	<a href="#">get it</a>
							late availability due to extent of changes plus shortage of MCC manpower
GP-16	2003-09-05	5	.	5	.	0	<a href="#">get it</a>
GP-17	2003-11-28	5	.	6	.	0	<a href="#">get it</a>
GP-18	2004-02-18	5	.	7	.	0	<a href="#">get it</a>
GP-19	2004-05-04	5	.	8	.	0	<a href="#">get it</a>
GP-20	2004-07-06	5	.	9	.	0	<a href="#">get it</a>
GP-21	2004-09-20	5	.	10	.	0	<a href="#">get it</a>
GP-22	2004-11-29	5	.	11	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

**TS 51.010-2** Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification  
Rel-5 current version: 5.11.0 NP / T2 / SCP  
freeze\_meeting: GP-11  
ETSI Secretariat

remarks - general: 2001-11-19: G4->G5.

G: yes U: BAEV, Stoyan  
MCC: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-11	2002-09-19	5	.	0	.	0	<a href="#">get it</a>	
GP-12	2002-12-20	5	.	1	.	0	<a href="#">get it</a>	
GP-13	2003-02-21	5	.	2	.	0	<a href="#">get it</a>	
GP-14	2003-04-25	5	.	3	.	0	<a href="#">get it</a>	
GP-15	2003-07-17	5	.	4	.	0	<a href="#">get it</a>	
GP-16	2003-09-05	5	.	5	.	0	<a href="#">get it</a>	
GP-17	2003-11-28	5	.	6	.	0	<a href="#">get it</a>	
GP-18	2004-02-18	5	.	7	.	0	<a href="#">get it</a>	
GP-19	2004-05-04	5	.	8	.	0	<a href="#">get it</a>	
edito post	GP-19	2004-05-18	5	.	8	.	1	<a href="#">get it</a>
GP-20	2004-07-01	5	.	9	.	0	<a href="#">get it</a>	
GP-21	2004-09-20	5	.	10	.	0	<a href="#">get it</a>	
GP-22	2004-11-29	5	.	11	.	0	<a href="#">get it</a>	

late availability due to extent of changes  
plus shortage of MCC manpower

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-5  
current version: 5.4.0  
freeze\_meeting: GP-18

rappporteur: HU, Shicheng ETSI Secretariat

WG (prime / other): G3new/ S1 / NP / T2 / SCP

G: yes U:

MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5.

remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-18	2004-03-22	5	.	0	.	0	late availability due to extra-MCC forces	<a href="#">get it</a>
post GP-18	2004-03-25	5	.	0	.	1	Supplies missing machine-readable files	<a href="#">get it</a>
GP-19	2004-05-18	5	.	1	.	0	Late delivery due to extra-MCC forces.	<a href="#">get it</a>
GP-20	2004-07-27	5	.	2	.	0		<a href="#">get it</a>
GP-21	2004-09-23	5	.	3	.	0		<a href="#">get it</a>
GP-22	2004-11-29	5	.	4	.	0		<a href="#">get it</a>

## TS 51.013

Rel-5  
current version: 5.2.0

freeze\_meeting: TP-20

## Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

WG (prime / other): T3 / -

rappporteur: BEGASSAT, Christophe Axalto S.A.  
THOMASEN, Gert

MCC:

G: yes U:

remarks - general:

remarks - this release: TP-16: W1 is TP-020122. TP-26: No promotion to Rel-6.

### history (event, available, version, comments, hyperlink):

TP-20	2003-06-23	5	.	0	.	0		<a href="#">get it</a>
post TP-20 editorial	2003-06-27	5	.	0	.	1		<a href="#">get it</a>

to fix zipped annex  
E attachment

TP-22	2004-01-12	5	.	1	.	0		<a href="#">get it</a>
TP-26	2005-01-03	5	.	2	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.021 Base Station System (BSS) equipment specification; Radio aspects

WG (prime / other): G1 / - rapporteur: BUSIN, Ake  
G: yes U: USAI, Paolino  
Telefon AB LM Ericsson

freeze\_meeting: GP-10

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10	2002-07-19	5	.	0	.	0
GP-12	2003-01-03	5	.	1	.	0
GP-13	2003-02-21	5	.	2	.	0
GP-15	2003-07-11	5	.	3	.	0

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## TS 51.026 GSM Repeater Equipment Specification

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter  
G: yes U: Skov  
USAI, Paolino  
QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: GP-10

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10	2002-07-19	5	.	0	.	0
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Rel-5 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-5 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-5 WG (prime / other): G1 / S5 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.0

freeze\_meeting: GP-10

G: yes U: USAI, Paolino

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0 [get it](#)

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## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-5 WG (prime / other): S5 / - rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

current version: 5.0.0

freeze\_meeting: SP-18

G: yes U: ZOICAS, Adrian

MCC:

remarks - general: SP-13: replaces 32.402.

remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

history (event, available, version, comments, hyperlink):

SP-19 2003-03-31 5 . 0 . 0 technically identical to v4.2.0 [get it](#)

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Rel-5 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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## TS 55.216

Rel-5

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A

One

*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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## TS 55.217

Rel-5

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A

One

*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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## TS 55.218

Rel-5

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A

One

*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-5 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

**TR 55.919** **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
Rel-5 *current version:* none / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 One

*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release  
G: yes U: POPE, Maurice  
MCC: POPE, Maurice

*history (event, available, version, comments, hyperlink):*

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## Rel-4

Rel-4 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

**TS 21.101** **Technical Specifications and Technical Reports for a UTRAN-based 3GPP system**  
Rel-4 *current version:* 4.11.0 / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 G: U: yes MCC: POPE, Maurice  
*remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-25 4 . 9 . 0 Created from 21.102 v4.9.0 [get it](#)  
SP-22 2004-01-15 4 . 10 . 0 [get it](#)  
SP-26 2005-01-04 4 . 11 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.111 USIM and IC card requirements

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T3 / - rapporteur: KALINER, Stefan T-Mobile International AG

G: U: yes MCC: THOMASEN, Gert

remarks - this release: 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

TP-11 2001-04-09 4 . 0 . 0  
TP-17 2002-09-18 4 . 1 . 0

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## TS 21.133 3G security, Security threats and requirements

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / - rapporteur: CHRISTOFFERSSON, PerTeliaSonera AB

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-09 4 . 0 . 0  
SP-14 2002-01-07 4 . 1 . 0

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## TR 21.801 Specification drafting rules

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

G: yes U: yes MCC: POPE, Maurice

remarks - this release: Formal doc created after TSG#7. (Was briefly 21.200)

history (event, available, version, comments, hyperlink):

SP-08 2000-06-28 1 . 0 . 0  
SP-08 2000-06-30 4 . 0 . 0  
SP-11 2001-04-11 4 . 1 . 0  
SP-13 2001-10-01 4 . 2 . 0  
SP-15 2002-03-27 4 . 3 . 0  
SP-23 2004-04-02 4 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.900 Technical Specification Group working methods

current version: 4.1.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

G: yes U: yes

MCC:

remarks - this release: SP-22: From now on, is null document pointing to equivalent in latest Release.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-11 4 . 0 . 0

SP-22 2004-01-14 4 . 1 . 0

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## TR 21.905 Vocabulary for 3GPP Specifications

current version: 4.5.0

freeze\_meeting: SP-11

remarks - general: 2004-06: This spec is also applicable to GERAN systems from Rel-4

onwards, at least, so include it in that set.

WG (prime / other): S1 / -

G: yes U: yes

rapporteur: ZARRI, Michele

MCC: CLAYTON, Michael

remarks - this release: Absorbs 01.04.

T-Mobile International AG

history (event, available, version, comments, hyperlink):

SP-09 2000-10-18 4 . 0 . 0

SP-10 2001-01-08 4 . 1 . 0

SP-11 2001-04-02 4 . 2 . 0

SP-12 2001-06-27 4 . 3 . 0

SP-13 2001-10-05 4 . 4 . 0

SP-20 2003-06-18 4 . 5 . 0

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Rel-4 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.001** Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)  
Rel-4 current version: 4.3.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#5

WG (prime / other): S1 / -

rappporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09 2000-10-18 4 . 0 . 0

SP-10 2001-01-08 4 . 1 . 0

remove change bars 2001-02-28 4 . 1 . 1

SP-12 2001-06-27 4 . 2 . 0

SP-15 2002-03-25 4 . 3 . 0

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**TS 22.002** Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)  
Rel-4 current version: 4.2.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rappporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09 2000-10-18 4 . 0 . 0

SP-11 2001-04-02 4 . 1 . 0

SP-12 2001-06-27 4 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: yes MCC: CLAYTON, Michael

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07	2000-03-17	4	.	0	.	0
SP-10	2001-01-08	4	.	1	.	0
SP-12	2001-06-27	4	.	2	.	0
SP-15	2002-03-25	4	.	3	.	0

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## TS 22.004 General on supplementary services

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: yes MCC: CLAYTON, Michael

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-02	4	.	0	.	0
SP-15	2002-03-25	4	.	1	.	0
SP-16	2002-07-04	4	.	2	.	0
SP-24	2004-06-14	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.011

### Service accessibility

current version: 4.8.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: IBIDUN, Kunle

MCC: CLAYTON, Michael

ORANGE SA

G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-07	2000-03-17	4	.	0	.	0
SP-08	2000-06-28	4	.	1	.	0
SP-09	2000-10-18	4	.	2	.	0
SP-11	2001-04-02	4	.	3	.	0
SP-12	2001-06-27	4	.	4	.	0
SP-14	2002-01-10	4	.	5	.	0
SP-15	2002-03-25	4	.	6	.	0
SP-16	2002-07-04	4	.	7	.	0
SP-17	2002-09-17	4	.	8	.	0

## TS 22.016

### International Mobile Equipment Identities (IMEI)

current version: 4.2.1

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

G: yes U: yes  
remarks - this release: TSG#8: CR proposed creation, but not aprvd.

### history (event, available, version, comments, hyperlink):

SP-11	2001-04-02	4	.	0	.	0	
SP-15	2002-03-25	4	.	1	.	0	
SP-16	2002-07-04	4	.	2	.	0	
edito post	SP-16	2002-07-19	4	.	2	.	1

History box

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification

WG (prime / other): S3 / - rapporteur: NGUYEN NGOC, Sebastien France Telecom

freeze\_meeting: SP-11  
G: yes U: yes MCC: POPE, Maurice

remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0 [get it](#)  
SP-16 2002-06-19 4 . 1 . 0 [get it](#)

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## TS 22.024 Description of Charge Advice Information (CAI)

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)

G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0 [get it](#)

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## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation

G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0 [get it](#)  
SP-15 2002-03-25 4 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-4  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
freeze\_meeting: SP-18  
G: yes U: yes  
MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & remarks - this release: Created from 42.031 Rel-4. Rel-5 -> 22.031.

history (event, available, version, comments, hyperlink):

SP-18 2003-01-06 4 . 0 . 0 Technically identical to 42.031 v4.0.0. [get it](#)

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## TS 22.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-4  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
freeze\_meeting: SP-16  
G: yes U: yes  
MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). remarks - this release: SP-16: Takes over from 42.032 Rel-4.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 4 . 0 . 0 [get it](#)

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## TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1

Rel-4  
WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
freeze\_meeting: SP-11  
G: yes U: yes  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-16 2002-07-04 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	4	.	0	.	0
SP-10	2001-01-08	4	.	1	.	0
SP-20	2003-06-18	4	.	2	.	0
SP-22	2004-01-06	4	.	3	.	0

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## TS 22.041 Operator Determined Call Barring

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: WATSON, John  
MCC: CLAYTON, Michael  
VODAFONE Group Plc

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-10	2001-01-08	4	.	0	.	0
SP-11	2001-04-02	4	.	1	.	0

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## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

Rel-4  
current version: 4.2.1  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-11	2001-04-02	4	.	0	.	0
SP-15	2002-03-25	4	.	1	.	0
SP-20	2003-06-18	4	.	2	.	0
correct cover date	2003-06-26	4	.	2	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: TP-12  
remarks - general: TP-12: was previously 42.048.

WG (prime / other): T3 / S3  
G: yes U: yes  
rapporporteur: BARNES, Nigel  
MCC: THOMASEN, Gert  
MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):  
TP-12 2001-07-06 4 . 0 . 0

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## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4.

WG (prime / other): S4 / -  
G: yes U: yes  
rapporporteur: NAVARRO, William  
MCC: USAI, Paolino  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 1999-04-23 0 . 0 . 0  
SP-03 1999-04-23 0 . 1 . 1  
SP-11 2001-04-10 4 . 0 . 0  
edito 2001-10-01 4 . 0 . 1

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## TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4; Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1".

WG (prime / other): S1 / -  
G: yes U: yes  
rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-09 2000-10-18 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
Research in Motion UK Limited

current version: 4.4.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

MCC: Clayton, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07	2000-03-17	4	.	0	.	0
SP-08	2000-06-28	4	.	1	.	0
SP-10	2001-01-08	4	.	2	.	0
SP-15	2002-03-25	4	.	3	.	0
SP-16	2002-07-04	4	.	4	.	0

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## TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

current version: 4.0.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

MCC: Clayton, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-02	4	.	0	.	0
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## TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg  
SIEMENS AG

current version: 4.1.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

MCC: Clayton, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-10	2001-01-08	4	.	0	.	0
SP-15	2002-03-25	4	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.071 Location Services (LCS); Stage 1

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: DEOL, Amar  
G: yes U: yes U: yes MCC: CLAYTON, Michael

Server location: Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-08 2000-06-28 4 . 0 . 0 based on 3.2.0  
SP-09 2000-10-18 4 . 1 . 0  
SP-10 2001-01-08 4 . 2 . 0  
SP-11 2001-04-02 4 . 3 . 0  
SP-15 2002-03-25 4 . 4 . 0  
edito post SP-15 2002-04-04 4 . 4 . 1  
SP-21 2003-09-30 4 . 5 . 0  
SP-23 2004-03-23 4 . 6 . 0

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## TS 22.072 Call Deflection (CD); Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: HECHWARTNER, RolandT-Mobile International AG

Server location: Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1

Rel-4  
WG (prime / other): S4 / -  
G: yes U: yes  
USAI, Paolino  
USAI, Paolino  
TELECOM ITALIA S.p.A.  
rapporteur:  
MCC:  
remarks - general: freeze\_meeting: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0  
edito 2001-10-01 4 . 0 . 1

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## TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

Rel-4  
WG (prime / other): S1 / -  
G: yes U: yes  
GRECH, Michel  
CLAYTON, Michael  
Lucent Technologies Network Systems UK  
rapporteur:  
MCC:  
remarks - general: freeze\_meeting: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09 2000-10-29 4 . 0 . 0  
SP-10 2001-01-08 4 . 1 . 0  
SP-11 2001-04-02 4 . 2 . 0  
SP-12 2001-06-27 4 . 3 . 0  
SP-14 2002-01-10 4 . 4 . 0  
SP-15 2002-03-25 4 . 5 . 0

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## TS 22.079 Support of optimal routing; Stage 1

Rel-4  
WG (prime / other): S1 / -  
G: yes U: yes  
CLAYTON, Michael  
CLAYTON, Michael  
EMCOM Ltd  
rapporteur:  
MCC:  
remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.081 Line Identification supplementary services; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)  
[get it](#)

## TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1

Rel-4  
current version: 4.2.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
ORANGE SA  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-12 2001-06-29 4 . 1 . 0  
SP-15 2002-03-25 4 . 2 . 0

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## TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.084 MultiParty (MPTY) supplementary service; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - this release:

SIEMENS AG

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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[get it](#)

## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
remarks - this release:

TeliaSonera AB

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)  
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## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
remarks - this release:

Nortel Networks (USA)

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.087 User-to-user signalling (UUS); Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0

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## TS 22.088 Call Barring (CB) supplementary services; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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## TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - this release:

SIEMENS AG

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

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## TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

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## TS 22.094 Follow Me service description - Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: HECHWARTNER, RolandT-Mobile International AG  
MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4, GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.096 Name identification supplementary services; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0

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## TS 22.097 Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.101 Service aspects; Service principles

Rel-4  
current version: 4.10.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S1 / - rapporteur: DEOL, Amar

G: U: yes U: yes Clayton, Michael

Nortel Networks (USA)

MCC: Clayton, Michael  
remarks - this release: based on 3.9.0

history (event, available, version, comments, hyperlink):

SP-08	2000-06-28	4	.	0	.	0	.	0	based on 3.9.0
SP-09	2000-10-18	4	.	1	.	0	.	0	
SP-10	2001-01-08	4	.	2	.	0	.	0	
SP-11	2001-04-02	4	.	3	.	0	.	0	
SP-12	2001-06-27	4	.	4	.	0	.	0	
spelling corrections	2001-07-31	4	.	4	.	1	.	0	
SP-13	2001-10-05	4	.	5	.	0	.	0	
SP-15	2002-03-25	4	.	6	.	0	.	0	
SP-20	2003-06-18	4	.	7	.	0	.	0	
SP-21	2003-09-30	4	.	8	.	0	.	0	
SP-22	2004-01-06	4	.	9	.	0	.	0	
SP-23	2004-03-23	4	.	10	.	0	.	0	

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## TS 22.105 Services and service capabilities

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S1 / - rapporteur: ZARRI, Michele

G: U: yes U: yes Clayton, Michael

T-Mobile International AG

MCC: Clayton, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	4	.	0	.	0	.	0	
SP-10	2001-01-08	4	.	1	.	0	.	0	
SP-12	2001-06-27	4	.	2	.	0	.	0	
SP-15	2002-03-25	4	.	3	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.115 Service Aspects Charging and billing

Rel-4 current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S1 / - rapporteur: SCARRONE, Enrico TELECOM ITALIA S.p.A.

G: yes U: yes remarks - this release: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-22 2004-01-06 4 . 1 . 0

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## TR 22.121 Service aspects; The Virtual Home Environment (VHE); Stage 1

Rel-4 current version: 4.1.1  
freeze\_meeting: SP-11

remarks - general:

Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR.

WG (prime / other): S1 / - rapporteur: ZARRI, Michele T-Mobile International AG

G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04 2000-10-18 4 . 0 . 0  
SP-11 2001-04-02 4 . 1 . 0  
SP-16 2002-07-19 4 . 1 . 1 Converted from TS to TR.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

current version: 4.4.0

freeze\_meeting: SP-11

WG (prime / other): S1 / -

SIEMENS AG

rappporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

G: U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

draft		0	.	1	.	0
draft		0	.	2	.	0
draft		0	.	3	.	0
draft		0	.	4	.	0
draft		0	.	5	.	0
SP-09	2000-09-28	1	.	0	.	0
draft		1	.	0	.	1
draft		1	.	1	.	0
draft		1	.	1	.	0
draft		1	.	2	.	0
SP-10		2	.	0	.	0
SP-10	2001-01-12	4	.	0	.	0
SP-11	2001-04-02	4	.	1	.	0
SP-12	2001-06-27	4	.	2	.	0
SP-14	2002-01-10	4	.	3	.	0
SP-15	2002-03-28	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

current version: 4.4.0

freeze\_meeting: SP-11

WG (prime / other): S1 / -

rappporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael

ORANGE SA

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	4	.	0	.	0
SP-10	2001-01-08	4	.	1	.	0
SP-11	2001-04-02	4	.	2	.	0
SP-12	2001-06-27	4	.	3	.	0
SP-14	2002-01-10	4	.	4	.	0

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## TS 22.135 Multicall; Service description; Stage 1

current version: 4.2.0

freeze\_meeting: SP-11

WG (prime / other): S1 / -

NOKIA Corporation

rappporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-02	4	.	0	.	0
SP-15	2002-03-27	4	.	1	.	0
SP-16		4	.	2	.	0
SP-18	2002-12-18	4	.	2	.	0

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CR010 unimplementable because written to wrong version. No new CR at SP-17; still waiting.

CR010r1 implemented

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-11  
remarks - general: (development in T2)

WG (prime / other): S1 / -  
G: U: yes  
rapporteur: MEYER, Juergen  
MCC: CLAYTON, Michael  
SIEMENS AG

remarks - this release: based on 3.0.0

### history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	0	.	0	.	0
SP-05	1999-10-08	1	.	0	.	0
SP-06	1999-12-17	2	.	0	.	0
SP-08		4	.	0	.	0
SP-08	2000-06-28	4	.	0	.	1
SP-11	2001-04-02	4	.	1	.	0
SP-15	2002-03-28	4	.	2	.	0
SP-18	2003-01-07	4	.	3	.	0

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Rel-4 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.002

Rel-4 **Network architecture**

current version: 4.8.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: MILINSKI, Alexander

MCC: BOSWARTHICK, David

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	4	.	0	.	0
SP-10	2000-12-21	4	.	1	.	0
SP-11	2001-04-06	4	.	2	.	0
SP-12	2001-06-29	4	.	3	.	0
SP-14	2002-01-07	4	.	4	.	0
SP-17	2002-09-24	4	.	5	.	0
SP-18	2003-01-10	4	.	6	.	0
SP-19	2003-03-27	4	.	7	.	0
SP-20	2003-06-20	4	.	8	.	0

## TS 23.003

Rel-4 **Numbering, addressing and identification**

current version: 4.8.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: RUSSELL, Nick

MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-02	4	.	0	.	0
NP-12	2001-06-27	4	.	1	.	0
NP-13	2001-10-03	4	.	2	.	0
NP-14	2002-01-11	4	.	3	.	0
NP-16	2002-06-21	4	.	4	.	0
NP-17	2002-09-17	4	.	5	.	0
NP-20	2003-06-27	4	.	6	.	0
NP-21	2003-10-09	4	.	7	.	0
NP-22	2004-01-12	4	.	8	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.007

Rel-4

### Restoration procedures

current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -

rapporteur: RUSSELL, Nick

MCC: KYMALAINEN, Kimmo

VODAFONE LTD

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
corrects	2002-06-24	4	.	0	.	1
NP-16	2002-06-21	4	.	1	.	0
corrects	2002-09-24	4	.	1	.	1
NP-22	2004-01-12	4	.	2	.	0

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## TS 23.008

Rel-4

### Organisation of subscriber data

current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -

rapporteur: KYMALAINEN, Kimmo

MCC:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-28	4	.	0	.	0
NP-12	2001-06-27	4	.	1	.	0
NP-16	2002-06-21	4	.	2	.	0
NP-20	2003-06-27	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.009 Handover procedures

Rel-4  
current version: 4.9.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / N4 rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: yes MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	.	0	.	0
NP-12	2001-07-06	4	.	1	.	0
NP-13	2001-10-05	4	.	2	.	0
NP-14	2002-01-08	4	.	3	.	0
NP-16	2002-06-20	4	.	4	.	0
NP-17	2002-09-17	4	.	5	.	0
NP-18	2003-01-02	4	.	6	.	0
NP-19	2003-03-24	4	.	7	.	0
NP-20	2003-06-27	4	.	8	.	0
NP-22	2004-01-05	4	.	9	.	0

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## TS 23.011 Technical realization of Supplementary Services

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / - rapporteur: CONRAD, Alan  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
corrects	2002-06-24	4	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.012 Location management procedures

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general: Should not be in UMTS ????

WG (prime / other): N1 / -  
G: yes U: yes

rappporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0  
NP-17 2002-09-17 4 . 1 . 0

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[get it](#)

## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: PARK, Ian David  
Chalmers  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-02 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.016 Subscriber data management; Stage 2

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rappporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-30	4	.	0	.	0
NP-15	2002-03-28	4	.	1	.	0
NP-16	2002-06-21	4	.	2	.	0
NP-17	2002-09-17	4	.	3	.	0
NP-23	2004-03-23	4	.	4	.	0

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## TS 23.018 Basic Call Handling; Technical realization

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -

G: yes U: yes

rappporteur: PARK, Ian David

MCC: Chalmers  
KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-09	2000-10-25	4	.	0	.	0
NP-10	2000-12-21	4	.	1	.	0
NP-11	2001-04-06	4	.	2	.	0
NP-12	2001-06-27	4	.	3	.	0
NP-13	2001-10-03	4	.	4	.	0
NP-14	2002-01-16	4	.	5	.	0
NP-15	2002-03-28	4	.	6	.	0
NP-19	2003-04-04	4	.	7	.	0

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

Rel-4 WG (prime / other): S3 / - rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new One  
freeze\_meeting: SP-18 G: yes U: yes MCC: POPE, Maurice

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: Created from 43.031 Rel-4.  
Rel-5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-18 2003-01-06 4 . 0 . 0 Technically identical to 43.031 v4.0.0 [get it](#)

---

## TS 23.032 Universal Geographical Area Description (GAD)

Rel-4 WG (prime / other): S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
freeze\_meeting: SP-11 G: yes U: yes MCC: BOSWARTHICK, David

remarks - general: S2 responsibility?

history (event, available, version, comments, hyperlink):

SP-11 2001-04-11 4 . 0 . 0 [get it](#)

SP-18 2003-01-07 4 . 1 . 0 [get it](#)

edito post SP-18 to 2003-01-10 4 . 1 . 1 [get it](#)

correct figures

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## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

Rel-4 WG (prime / other): N1 / - rapporteur: CARRIÓN, Inmaculada NOKIA Corporation  
freeze\_meeting: SP-11 G: yes U: yes MCC: JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.035 Immediate Service Termination (IST); Stage 2

Rel-4  
WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

freeze\_meeting: SP-16

remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).  
G: yes U: yes  
MCC: POPE, Maurice  
remarks - this release: SP-16: takes over from 43.035 Rel-4

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 4 . 0 . 0  
SP-17 2002-09-18 4 . 1 . 0

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[get it](#)

## TS 23.038 Alphabets and language-specific information

Rel-4  
WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited  
G: yes U: yes  
MCC: HAN, Seung Don

freeze\_meeting: SP-11

remarks - general:

remarks - this release: based on 3.3.0

history (event, available, version, comments, hyperlink):

TP-08 2000-06-23 4 . 0 . 0  
TP-10 2001-01-03 4 . 1 . 0  
TP-11 2001-03-29 4 . 2 . 0  
TP-13 2001-10-03 4 . 3 . 0  
TP-14 2002-01-11 4 . 4 . 0  
TP-25 2004-09-23 4 . 5 . 0

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## TR 23.039

Rel-4  
Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)  
WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited  
G: yes U: yes  
MCC: HAN, Seung Don

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 current version: 4.9.0

freeze\_meeting: SP-11

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: yes MCC: HAN, Seung Don

Research In Motion Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-08	2000-06-23	4	.	0	.	0
TP-09	2000-10-11	4	.	1	.	0
TP-11	2001-03-29	4	.	2	.	0
TP-12	2001-07-02	4	.	3	.	0
TP-13	2001-10-03	4	.	4	.	0
TP-14	2002-01-11	4	.	5	.	0
TP-15	2002-03-21	4	.	6	.	0
TP-16	2002-06-25	4	.	7	.	0
TP-20	2003-06-26	4	.	8	.	0
TP-25	2004-09-23	4	.	9	.	0

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## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: yes MCC: HAN, Seung Don

Research In Motion Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11	2001-04-06	4	.	0	.	0
TP-12	2001-07-04	4	.	1	.	0
TP-14	2002-01-11	4	.	2	.	0
TP-16	2002-07-02	4	.	3	.	0
TP-19	2003-03-24	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.042 Compression algorithm for SMS

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited

G: yes U: yes

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-06 4 . 0 . 0  
include test vector 2001-10-17 4 . 0 . 1  
file

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## TS 23.048 Security mechanisms for the (U)SIM application toolkit; Stage 2

Rel-4  
current version: 4.4.0  
freeze\_meeting: TP-12

remarks - general: TP-12: replaces 43.048. TP-15: For test spec, see 31.048,

MOTOROLA Ltd

BARNES, Nigel  
THOMASEN, Gert

rapporteur:  
MCC:

T3 / -

WG (prime / other):  
G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12 2001-07-06 4 . 0 . 0  
TP-13 2001-10-12 4 . 1 . 0  
TP-14 2002-01-17 4 . 2 . 0  
TP-15 2002-03-28 4 . 3 . 0  
TP-19 2003-03-26 4 . 4 . 0

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## TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general: No draft.

TELECOM ITALIA S.p.A.

USAI, Paolino  
USAI, Paolino

rapporteur:  
MCC:

S4 / S2

WG (prime / other):  
G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 0 . 0 . 0  
SP-11 2001-03-29 4 . 0 . 0  
edito 2001-10-01 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-4 current version: 4.5.0 freeze\_meeting: SP-11 T2 / - rapporteur: BRENK, Lars TTP Communications plc

remarks - general: Apr-2001: " Station Application" removed from title.

U: yes

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-10	2000-12-22	4	.	0	.	0
TP-11	2001-04-11	4	.	1	.	0
TP-12	2001-07-05	4	.	2	.	0
TP-13	2001-10-05	4	.	3	.	0
include fig 5	2001-10-18	4	.	3	.	1
TP-14	2002-01-16	4	.	4	.	0
TP-15	2002-03-25	4	.	5	.	0

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## TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

Rel-4 current version: 4.9.0 freeze\_meeting: SP-11 S2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

remarks - general: Transfer>TSG#4

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-06	4	.	0	.	0
SP-12	2001-06-29	4	.	1	.	0
SP-13	2001-10-12	4	.	2	.	0
SP-14	2002-01-08	4	.	3	.	0
edito		4	.	3	.	1
SP-15	2002-04-05	4	.	4	.	0
SP-16	2002-06-17	4	.	5	.	0
SP-17	2002-10-02	4	.	6	.	0
SP-18	2003-01-10	4	.	7	.	0
SP-20	2003-06-20	4	.	8	.	0
SP-22	2004-01-06	4	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: LOPEZ SORIA, Luis  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson

freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4, CR at TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

[get it](#)  
[get it](#)

## TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10 2000-12-21 4 . 0 . 0  
NP-12 2001-06-27 4 . 1 . 0  
corrects 2002-06-24 4 . 1 . 1

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## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: CONRAD, Alan  
MCC: KYMALAINEN, Kimmo  
T-MOBILE DEUTSCHLAND

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-4 current version: 4.11.1 freeze\_meeting: SP-11 rapporteur: HOMANN, Christian MCC: KYMALAINEN, Kimmo ALCATEL SEL AG

remarks - general: NP-24: txferred to N4 on closure of N2.

WG (prime / other): N4 / -

G: yes U: yes

remarks - this release: Phase 3.

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
NP-16	2002-06-17	4	.	5	.	0	<a href="#">get it</a>
post NP-16 edito	2002-06-19	4	.	5	.	1	<a href="#">get it</a>
NP-17	2002-09-17	4	.	6	.	0	<a href="#">get it</a>
editorial correction to cover page	2002-11-14	4	.	6	.	1	<a href="#">get it</a>
NP-18	2002-12-18	4	.	7	.	0	<a href="#">get it</a>
NP-19	2003-03-25	4	.	8	.	0	<a href="#">get it</a>
NP-20	2003-06-23	4	.	9	.	0	<a href="#">get it</a>
NP-21	2003-09-29	4	.	10	.	0	<a href="#">get it</a>
NP-23	2004-03-25	4	.	11	.	0	<a href="#">get it</a>
editorial post NP-23	2004-04-21	4	.	11	.	1	<a href="#">get it</a>

minor correction, no need for SDO

publication

typo on cover page

## TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

Rel-4 current version: 4.2.0 freeze\_meeting: SP-11 rapporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo VODAFONE LTD

WG (prime / other): N4 / -

G: yes U: yes

remarks - this release:

CR at TSG#4, CR at TSG#5

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-21	4	.	1	.	0	<a href="#">get it</a>
NP-18	2003-01-07	4	.	2	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.081 Line Identification supplementary services; Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
NP-17 2002-09-17 4 . 1 . 0

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[get it](#)

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
NP-12 2001-06-27 4 . 1 . 0  
NP-13 2001-10-03 4 . 2 . 0  
NP-16 2002-06-21 4 . 3 . 0

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[get it](#)

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-09 2000-10-26 4 . 0 . 0  
NP-11 2001-03-30 4 . 1 . 0  
inclusion of missed 2001-04-24 4 . 2 . 0  
CR  
NP-14 2002-01-10 4 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-03-30 4 . 0 . 0

[get it](#)

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## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: CROOK, Mick  
MCC: KYMALAINEN, Kimmo  
ORANGE PCS LTD  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-03-30 4 . 0 . 0  
NP-17 2002-09-17 4 . 1 . 0

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[get it](#)

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

[get it](#)

---

## TS 23.094 Follow Me Stage 2

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: Transfer>TSG#4, GSM only @TSG#5

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.096 Name Identification Supplementary Service; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.101 General UMTS Architecture

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: OLSSON, Magnus  
MCC: BOSWARTHICK, David  
Telefon AB LM Ericsson  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-11 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.107 Quality of Service (QoS) concept and architecture

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-11  
remarks - general: was 23.907

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: RINNE, Janne  
MCC: BOSWARTHICK, David  
NOKIA Corporation

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-10	2000-12-22	4	0	0	0
SP-12	2001-06-29	4	1	1	0
SP-13	2001-10-12	4	2	2	0
SP-14	2002-01-07	4	3	3	0
SP-15	2002-04-07	4	4	4	0
SP-17	2002-09-24	4	5	5	0
SP-18	2003-01-10	4	6	6	0

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[get it](#)

## TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general: This is clause 7 from 04.08 ex R98.

WG (prime / other): N1 / -  
G: yes U: yes  
rapporteur: DOIG, Ian  
MCC: JURISIC, Andrijana  
MOTOROLA S.A.S

remarks - this release: 2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	0	0	NP-15 withdrawn
post NP-16	2002-06-28	4	0	1	update history table

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.110 UMTS Access Stratum Services and Functions

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar  
Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: BOSWARTHICK, David

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-11 4 . 0 . 0

[get it](#)

## TS 23.116 Super-Charger technical realization; Stage 2

Rel-4  
current version: 4.2.0  
freeze\_meeting: SP-11

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas  
Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

NP-12 2001-06-27 4 . 1 . 0

NP-14 2002-01-10 4 . 2 . 0

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[get it](#)

## TS 23.119 Gateway Location Register (GLR); Stage2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro  
NTT DoCoMo Inc.

MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-4

WG (prime / other): N1 / -

rapporteur: HIETALAHTI, Hannu

NOKIA Corporation

freeze\_meeting: SP-11

MCC:

JURISIC, Andrijana

remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC

remarks - this release:

reflow of R98 features.

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0 [get it](#)

NP-12 2001-07-05 4 . 1 . 0 [get it](#)

NP-17 2002-09-17 4 . 2 . 0 [get it](#)

NP-18 2002-12-18 4 . 3 . 0 [get it](#)

NP-21 2003-10-10 4 . 4 . 0 [get it](#)

## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-4

WG (prime / other): S2 / -

rapporteur: GOURRAUD, Christophe

ERICSSON RESEARCH CANADA

freeze\_meeting: SP-11

MCC:

BOSWARTHICK, David

remarks - general: Sept 00: "Open Service Architecture" removed from title. SP-24: To be

remarks - this release:

transferred from S2 to N5 at N/SP-25.

history (event, available, version, comments, hyperlink):

SP-09 2000-11-06 4 . 0 . 0 [get it](#)

SP-11 2001-04-06 4 . 1 . 0 [get it](#)

SP-12 2001-06-29 4 . 2 . 0 [get it](#)

SP-15 2002-04-05 4 . 3 . 0 [get it](#)

## TS 23.135 Multicall supplementary service; Stage 2

Rel-4

WG (prime / other): N4 / -

rapporteur: MITAMURA, Kazuo

NTT COMMWARE Corporation

freeze\_meeting: SP-11

MCC:

KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-09 2000-10-25 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-4 current version: 4.10.0

freeze\_meeting: SP-11

T-MOBILE DEUTSCHLAND

rapporteur: ROEBKE, Matthias  
HAN, Seung Don

T2 / -

MCC:

G: yes U: yes  
remarks - this release:

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

history (event, available, version, comments, hyperlink):

TP-09	2000-10-06	4	.	0	.	0
TP-10	2000-12-21	4	.	1	.	0
TP-11	2001-03-29	4	.	2	.	0
TP-12	2001-07-03	4	.	3	.	0
TP-13	2001-10-05	4	.	4	.	0
TP-14	2002-01-11	4	.	5	.	0
TP-15	2002-03-21	4	.	6	.	0
TP-16	2002-06-25	4	.	7	.	0
TP-17	2002-09-23	4	.	8	.	0
TP-19	2003-03-31	4	.	9	.	0
TP-20	2003-06-24	4	.	10	.	0

## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-4 current version: 4.1.0

freeze\_meeting: SP-11

NTT DoCoMo Inc.

rapporteur: HAGIWARA, Junichiro  
HAN, Seung Don

N3 / -

MCC:

U: yes

remarks - this release: New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification.  
TSG#7:1.1.0 "but not stable enough to be made available!"

history (event, available, version, comments, hyperlink):

NP-06	1999-12-17	1	.	0	.	0
NP-07	2000-03-17	1	.	1	.	0
N3-10	2000-05-25	2	.	0	.	0
NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 current version: 4.11.0

freeze\_meeting: SP-10

remarks - general: New after TSG#5

WG (prime / other): N4 / -

rapporteur: HODGES, Phil

Telefon AB LM Ericsson

MCC: KYMALAINEN, Kimmo

U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	2000-01-14	1	0	0					<a href="#">get it</a>
NP-07	2000-11-21	2	0	0	0	argument in SA over r99 or r00]	concl: not	<a href="#">get it</a>	
						approved			
NP-10		2	3	0	0	NP-000653		<a href="#">get it</a>	
NP-10	2001-01-09	4	0	0	0			<a href="#">get it</a>	
NP-11	2001-04-04	4	1	0	0			<a href="#">get it</a>	
NP-12	2001-06-27	4	2	0	0			<a href="#">get it</a>	
NP-13	2001-10-03	4	3	0	0			<a href="#">get it</a>	
NP-14	2002-01-10	4	4	0	0			<a href="#">get it</a>	
NP-17	2002-09-18	4	5	0	0			<a href="#">get it</a>	
NP-18	2003-01-09	4	6	0	0			<a href="#">get it</a>	
NP-19	2003-04-04	4	7	0	0			<a href="#">get it</a>	
NP-20	2003-06-27	4	8	0	0			<a href="#">get it</a>	
NP-21	2003-10-09	4	9	0	0			<a href="#">get it</a>	
NP-24	2004-06-15	4	10	0	0			<a href="#">get it</a>	
NP-26	2005-01-07	4	11	0	0			<a href="#">get it</a>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-4 current version: 4.7.0 rapporteur: HODGES, Phil  
freeze\_meeting: SP-11 MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson

WG (prime / other): N4 / -

G: U: yes

remarks - this release:

remarks - general: 2000-10: Rap change from Keutmann.

history (event, available, version, comments, hyperlink):

NP-10	2001-01-12	1	0	1	N4-001104
NP-11	2001-03-30	4	0	0	
NP-12	2001-07-06	4	1	0	
NP-13	2001-10-03	4	2	0	
NP-14	2002-01-10	4	3	0	
NP-15	2002-03-28	4	4	0	
NP-16	2002-06-21	4	5	0	
NP-17	2002-09-18	4	6	0	
NP-20	2003-06-27	4	7	0	

## TS 23.221

Rel-4 Architectural requirements

current version: 4.2.0

freeze\_meeting: SP-11

remarks - general: Derived from R99-specific 23.121

WG (prime / other): S2 / -

G: yes U: yes

remarks - this release:

rapporteur: DANIEL, Elizabeth

MCC: BOSWARTHICK, David

Lucent Technologies Network Systems UK

history (event, available, version, comments, hyperlink):

draft	2000-11-07	0	0	5	
SP-10	2001-01-31	1	0	0	SP-000595
draft	2001-02-01	1	1	0	
SP-11	2001-04-06	4	0	0	
SP-12	2001-07-02	4	1	0	
SP-16	2002-06-18	4	2	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.227 Application and user interaction in the UE; Principles and specific requirements

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: 4.2.0

freeze\_meeting: SP-11

G: U: yes

MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

draft	2000-09-06	0	.	1	.	0
TP-11	2001-04-02	4	.	0	.	0
TP-14	2002-01-11	4	.	1	.	0
TP-15	2002-03-26	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.271 Functional stage 2 description of Location Services (LCS)

Rel-4 current version: 4.13.0

freeze\_meeting: SP-11

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: WONG, Gavin

MCC: BOSWARTHICK, David

VODAFONE Group Plc

remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards. remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

### history (event, available, version, comments, hyperlink):

draft	2000-07-10	0	1	0	<a href="#">get it</a>
draft	2000-09-14	0	2	0	<a href="#">get it</a>
SP-09	2000-11-09	1	0	0	<a href="#">get it</a>
draft	2000-11-22	1	1	0	<a href="#">get it</a>
SP-10		2	0	0	SP-000596
SP-10	2001-02-27	4	0	0	<a href="#">get it</a>
SP-11	2001-04-11	4	1	0	<a href="#">get it</a>
SP-12	2001-07-02	4	2	0	<a href="#">get it</a>
SP-13	2001-10-15	4	3	0	<a href="#">get it</a>
SP-14	2002-01-07	4	4	0	<a href="#">get it</a>
SP-15	2002-03-29	4	5	0	<a href="#">get it</a>
SP-16	2002-06-18	4	6	0	<a href="#">get it</a>
SP-17	2002-09-24	4	7	0	<a href="#">get it</a>
SP-18	2003-01-09	4	8	0	<a href="#">get it</a>
SP-20	2003-06-23	4	9	0	<a href="#">get it</a>
SP-21	2003-10-02	4	10	0	<a href="#">get it</a>
SP-23	2004-04-01	4	11	0	<a href="#">get it</a>
SP-25	2004-09-27	4	12	0	<a href="#">get it</a>
SP-26	2005-01-06	4	13	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.873 Feasibility study for transport and control separation in the PS CN domain

WG (prime / other): S2 / - rapporteur: IBANEZ, Juan-Antonio Telefon AB LM Ericsson

G: U: yes MCC: BOSWARTHICK, David

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

draft 2000-09-12 0 . 2 . 0  
draft 2000-11-08 0 . 3 . 0  
draft 2000-11-20 0 . 4 . 0  
SP-10 2001-01-31 1 . 0 . 0  
draft 2000-12-30 1 . 1 . 0  
SP-11 2001-04-11 4 . 0 . 0

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## TR 23.908 Technical report on Pre-Paging

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

## TR 23.909 Technical report on the Gateway Location Register

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: yes MCC: Chalmers  
KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.910 Circuit switched data bearer services

Rel-4  
current version: 4.8.0  
freeze\_meeting: SP-11

WG (prime / other): N3 / -  
G: U: yes

rappporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general: 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval). NP-25: TSG CN proposing to convert to a TS. remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-09	2000-10-18	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
NP-10	2000-12-22	4	.	1	.	0
NP-11	2001-04-06	4	.	2	.	0
NP-12	2001-06-28	4	.	3	.	0
NP-14	2002-01-11	4	.	4	.	0
NP-17	2002-09-17	4	.	5	.	0
NP-18	2003-01-06	4	.	6	.	0
NP-19	2003-03-27	4	.	7	.	0
NP-21	2003-10-01	4	.	8	.	0

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## TR 23.911 Technical report on Out-of-band transcoder control

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.912 Technical report on Super-Charger

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N4 / -

rapporteur: SHARP, Iain

MCC: KYMALAINEN, Kimmo

NORTEL NETWORKS (EUROPE)

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
NP-14 2002-01-10 4 . 1 . 0

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## TR 23.930

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S2 / -

rapporteur: AXERUD, Bo

MCC: BOSWARTHICK, David

NOKIA TELECOMMUNICATIONS FINLAND

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-11 4 . 0 . 0

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Rel-4

24 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.1.1

Skov

JURISIC, Andrijana

freeze\_meeting: SP-11

MCC:

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-06	4	0	0	
NP-19	2003-03-24	4	1	0	
correction of typo	2003-06-02	4	1	1	

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## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

current version: 4.4.0

JURISIC, Andrijana

freeze\_meeting: SP-11

MCC:

G: yes U: yes

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	0	0	
NP-14	2002-01-04	4	1	0	
NP-16	2002-06-24	4	2	0	
NP-24	2004-06-21	4	3	0	
NP-26	2005-01-07	4	4	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.008 Rel-4

### Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

current version: 4.14.0

freeze\_meeting: SP-11

N1 / -

rappporteur: HOWELL, Andrew

MOTOROLA Ltd

MCC: JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-09	2000-10-12	4	0	0	<a href="#">get it</a>
NP-10	2001-01-03	4	1	0	<a href="#">get it</a>
edito	2001-01-09	4	1	1	<a href="#">get it</a>
NP-11	2001-04-06	4	2	0	<a href="#">get it</a>
edito	2001-07-06	4	2	1	<a href="#">get it</a>
NP-12	2001-07-13	4	3	0	<a href="#">get it</a>
NP-13	2001-10-04	4	4	0	<a href="#">get it</a>
NP-14	2002-01-09	4	5	0	<a href="#">get it</a>
NP-15	2002-03-21	4	6	0	<a href="#">get it</a>
NP-16	2002-06-24	4	7	0	<a href="#">get it</a>
NP-17	2002-09-17	4	8	0	<a href="#">get it</a>
NP-18	2002-12-18	4	9	0	<a href="#">get it</a>
NP-19	2003-03-24	4	10	0	<a href="#">get it</a>
NP-20	2003-06-27	4	11	0	<a href="#">get it</a>
NP-21	2003-10-10	4	12	0	<a href="#">get it</a>
NP-23	2004-03-22	4	13	0	<a href="#">get it</a>
NP-24	2004-06-15	4	14	0	<a href="#">get it</a>

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## TS 24.010 Rel-4

### Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

current version: 4.2.0

freeze\_meeting: SP-11

N4 / -

rappporteur: ANDERSEN, Niels Peter

Skov  
QUALCOMM EUROPE S.A.R.L.

MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-30	4	0	0	<a href="#">get it</a>
NP-13	2001-10-03	4	1	0	<a href="#">get it</a>
NP-14	2002-01-10	4	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

WG (prime / other): N1 / T2 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.1.1

freeze\_meeting: SP-11

G: yes U: yes

MCC:

JURISIC, Andrijana

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0

NP-15 2002-03-19 4 . 1 . 0

fix headers, 2002-06-28 4 . 1 . 1

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## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

WG (prime / other): N3 / -

current version: 4.1.0

freeze\_meeting: SP-11

G: yes U: yes

MCC:

KLEHN, Norbert

SIEMENS AG

remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio

Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS)

Interface and the Base Station System - Mobile-services Switching Centre

(BSS-MSC) Interface".

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0

NP-20 2003-06-23 4 . 1 . 0

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## TS 24.030 Location Services (LCS): Supplementary service operations; Stage 3

WG (prime / other): N4 / -

current version: 4.2.0

freeze\_meeting: SP-11

G: yes U: yes

MCC:

GARAPATY, Sonia

Nortel Networks (USA)

remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-03-30 4 . 0 . 0

NP-12 2001-06-27 4 . 1 . 0

NP-14 2002-01-10 4 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

reporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

WG (prime / other): N4 / -  
G: yes U: yes

remarks - this release:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
NP-12 2001-06-27 4 . 1 . 0

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## TS 24.072 Call Deflection Supplementary Service; Stage 3

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

reporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

WG (prime / other): N4 / -  
G: yes U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

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## TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-11

reporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

WG (prime / other): N4 / -  
G: yes U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
NP-12 2001-07-04 4 . 1 . 0  
NP-14 2002-01-10 4 . 2 . 0  
NP-16 2002-06-21 4 . 3 . 0  
editorial 2003-10-09 4 . 3 . 1  
NP-26 2005-01-07 4 . 4 . 0

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.081 Line Identification Supplementary Service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

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## TS 24.082 Call Forwarding supplementary service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

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## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

Rel-4 current version: 4.0.1 rapporteur: RUSSELL, Nick  
freeze\_meeting: SP-11 MCC: KYMALAINEN, Kimmo  
VODAFONE LTD

WG (prime / other): N4 / -  
G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

correct references 2002-06-25 4 . 0 . 1

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## TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

Rel-4 current version: 4.0.1 rapporteur: WIEHE, Ulrich  
freeze\_meeting: SP-11 MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

WG (prime / other): N4 / -  
G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

correct references 2002-06-25 4 . 0 . 1

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-4 current version: 4.0.1 rapporteur: WIEHE, Ulrich  
freeze\_meeting: SP-11 MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

WG (prime / other): N4 / -  
G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

correct references 2002-06-25 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1  
correct history box 2002-07-23 4 . 0 . 2

## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: BRUSS, Jörg  
MCC: KYMALAINEN, Kimmo  
ERICSSON Eurolab Deutschland GmbH  
remarks - general: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

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## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
correct references 2002-06-25 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.135 Multicall supplementary service; Stage 3

Rel-4  
WG (prime / other): N4 / -  
G: U: yes  
rapporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo  
NTT COMMWARE Corporation  
remarks - general: freeze\_meeting: SP-11  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
NP-14	2002-01-10	4	.	1	.	0
correct references	2002-06-25	4	.	1	.	1

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## Rel-4 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-4  
WG (prime / other): R4 / -  
G: U: yes  
rapporteur: FERNANDES, Edgar  
MCC: GUTIERREZ MIGUELEZ, Cesar  
MOTOROLA Ltd  
remarks - general: freeze\_meeting: SP-11  
remarks - this release:

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: FERNANDES, Edgar  
MCC: GUTIERREZ MIGUELEZ, Cesar  
MOTOROLA Ltd  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-18	2003-01-10	4	.	6	.	0
RP-19	2003-04-04	4	.	7	.	0
RP-20	2003-06-27	4	.	8	.	0
RP-21	2003-10-10	4	.	9	.	0
RP-22	2004-01-20	4	.	10	.	0
RP-23	2004-04-01	4	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-10	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-17	2002-10-02	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0

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## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-18	2003-01-10	4	.	6	.	0
RP-19	2003-04-04	4	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-4 current version: 4.8.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R4 / -

G: U: yes

rapporteur: KOTTKAMP, Meik

MCC: SIEMENS AG

GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0	.	0
RP-13	2001-10-10	4	.	2	.	0	.	0
RP-14	2002-01-16	4	.	3	.	0	.	0
RP-15	2002-03-29	4	.	4	.	0	.	0
RP-16	2002-07-01	4	.	5	.	0	.	0
RP-18	2003-01-10	4	.	6	.	0	.	0
RP-19	2003-04-04	4	.	7	.	0	.	0
RP-24	2004-06-24	4	.	8	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.106 UTRA repeater radio transmission and reception

Rel-4  
current version: 4.8.0  
freeze\_meeting: SP-11

WG (prime / other): R4 / -  
rapporteur: NILSSON, Martin  
One  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar

Indicate persons who left Company and wait for new  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Start of work	2000-08-01	0	0	0	1
RP-09	2000-10-13	1	0	0	0
RP-10	2000-12-21	1	1	0	0
RP-11	2001-04-10	4	0	0	0
RP-13	2001-10-10	4	1	0	0
RP-16	2002-07-01	4	2	0	0
RP-17	2002-10-02	4	3	0	0
RP-18	2003-01-10	4	4	0	0
RP-19	2003-04-04	4	5	0	0
RP-20	2003-06-27	4	6	0	0
RP-22	2004-01-20	4	7	0	0
RP-24	2004-06-24	4	8	0	0

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-11

WG (prime / other): R4 / -  
rapporteur: BARNES, David  
DTI - Department of Trade and Industry  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar

Indicate persons who left Company and wait for new  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	0	0	0
RP-12	2001-06-29	4	1	0	0
RP-13	2001-10-10	4	2	0	0
RP-17	2002-10-02	4	3	0	0
RP-18	2003-01-10	4	4	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-4  
current version: 4.13.0  
freeze\_meeting: SP-11

WG (prime / other): R4 / -

rapporteur: GUERRINI, Claudio

TELECOM ITALIA S.p.A.

G: U: yes

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-10	4	.	2	.	0
RP-14	2002-01-16	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-03	4	.	5	.	0
RP-17	2002-10-10	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-20	2003-07-01	4	.	9	.	0
RP-21	2003-10-10	4	.	10	.	0
RP-22	2004-01-23	4	.	11	.	0
RP-23	2004-04-01	4	.	12	.	0
RP-24	2004-06-24	4	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.133 Requirements for support of radio resource management (FDD)

Rel-4 current version: 4.13.0

freeze\_meeting: RP-11

WG (prime / other): R4 / -

rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-10	4	.	2	.	0
RP-14	2002-01-17	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-04	4	.	5	.	0
RP-17	2002-10-04	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-20	2003-07-01	4	.	9	.	0
RP-21	2003-10-10	4	.	10	.	0
RP-22	2004-01-23	4	.	11	.	0
RP-23	2004-04-01	4	.	12	.	0
RP-25	2004-09-30	4	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-4 current version: 4.8.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R4 / -

G: U: yes

rapporteur: NAKAMURA, Takaharu Fujitsu Limited  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-16	4	.	3	.	0
RP-15	2002-04-02	4	.	4	.	0
RP-16	2002-07-04	4	.	5	.	0
RP-17	2002-10-04	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0

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## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-4 current version: 4.9.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R4 / -

G: U: yes

rapporteur: MEYER, Juergen SIEMENS AG  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-10	4	.	2	.	0
RP-14	2002-01-16	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-04	4	.	5	.	0
RP-17	2002-10-04	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-24	2004-06-24	4	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.143 UTRA repeater conformance testing

Rel-4 current version: 4.10.0

freeze\_meeting: RP-11

remarks - general: Created by renumbering 25.107

WG (prime / other): R4 / - rapporteur: KUMMETZ, Thomas MIKOM GmbH - An Andrew Company

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release: Was to have been 25.107. But never was.

history (event, available, version, comments, hyperlink):

Start of work	2000-08-01	0	.	0	.	0	.	0	.	0
RP-09	2000-10-12	0	.	0	.	2	.			
RP-10	2000-12-21	1	.	0	.	0	.			RP-000671
RP-11	2001-04-10	4	.	0	.	0	.			
RP-12	2001-06-29	4	.	1	.	0	.			
RP-13	2001-10-10	4	.	2	.	0	.			
RP-15	2002-03-19	4	.	3	.	0	.			
RP-16	2002-07-03	4	.	4	.	0	.			
RP-17	2002-10-02	4	.	5	.	0	.			
RP-18	2003-01-10	4	.	6	.	0	.			
RP-19	2003-04-04	4	.	7	.	0	.			
RP-20	2003-06-27	4	.	8	.	0	.			
RP-22	2004-01-23	4	.	9	.	0	.			
RP-24	2004-06-24	4	.	10	.	0	.			

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## TS 25.201 Physical layer - general description

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: GERSTENBERGER, Dirk Telefon AB LM Ericsson

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0	.			
RP-14	2002-01-09	4	.	1	.	0	.			
RP-15	2002-03-29	4	.	2	.	0	.			
RP-16	2002-06-28	4	.	3	.	0	.			

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / -

rappporteur: PARKVALL, Stefan

MCC: ISHII, Yoshikazu

G: Ericsson AB

U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0

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## TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / -

rappporteur: MICHEL, Jürgen

MCC: ISHII, Yoshikazu

G: SIEMENS AG

U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.213 Spreading and modulation (FDD)

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.

G: U: yes ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-14	2002-01-09	4	.	2	.	0
RP-16	2002-06-28	4	.	3	.	0
RP-22	2004-01-14	4	.	4	.	0

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## TS 25.214 Physical layer procedures (FDD)

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)

G: U: yes ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-19	2003-04-04	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.215 Physical layer; Measurements (FDD)

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: SUZUKI, Hidetoshi

G: U: yes remarks - this release: ISHII, Yoshikazu

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-18	2003-01-07	4	.	6	.	0
RP-20	2003-06-27	4	.	7	.	0

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## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: CHAPMAN, Thomas

G: U: yes remarks - this release: ISHII, Yoshikazu

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0
RP-18	2003-01-07	4	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 current version: 4.8.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: BEALE, Martin

G: U: yes remarks - this release: IPW/ireless Inc.  
MCC: ISHII, Yoshikazu

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-13	2001-10-08	4	.	1	.	0
RP-14	2002-01-09	4	.	2	.	0
RP-15	2002-03-29	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-18	2003-01-07	4	.	6	.	0
RP-22	2004-01-14	4	.	7	.	0
RP-25	2004-09-28	4	.	8	.	0

Minor problems implementing CRs. See readme file.

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## TS 25.223 Spreading and modulation (TDD)

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: ISHII, Yoshikazu

G: U: yes remarks - this release: MCC: ISHII, Yoshikazu

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-18	2003-01-07	4	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.224 Physical layer procedures (TDD)

Rel-4 current version: 4.11.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rapporteur: RUDOLF, Marian

MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0
RP-18	2003-01-07	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-21	2003-09-29	4	.	9	.	0
RP-22	2004-01-14	4	.	10	.	0
RP-25	2004-09-28	4	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.225 Physical layer; Measurements (TDD)

Rel-4 current version: 4.8.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rapporporteur: CZAPLA, Liliana

MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-18	2003-01-07	4	.	6	.	0
RP-20	2003-06-27	4	.	7	.	0
RP-23	2004-04-02	4	.	8	.	0

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## TS 25.301

Rel-4 Radio interface protocol architecture

current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / -

G: U: yes

Telefon AB LM Ericsson

rapporporteur: EKEMARK, Sven

MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-14	2002-01-04	4	.	2	.	0
RP-16	2002-06-17	4	.	3	.	0
RP-17	2002-09-18	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.302 Services provided by the physical layer

Rel-4 current version: 4.8.0

freeze\_meeting: SP-11

remarks - general: V3.0.0 approved via e-mail July 99 CR at TSG#5?

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-18	4	.	6	.	0
RP-18	2002-12-20	4	.	7	.	0
RP-21	2003-10-02	4	.	8	.	0

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## TS 25.303 Interlayer procedures in Connected Mode

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation

G: U: yes MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-4 current version: 4.8.0 / - rapporteur: BARRETO, Luis NOKIA UK Ltd  
freeze\_meeting: SP-11 / - MCC: ARZELIER, Claude

remarks - general:

remarks - this release:

G: U: yes

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-27	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-18	2003-01-08	4	.	6	.	0
RP-20	2003-06-25	4	.	7	.	0
RP-23	2004-03-24	4	.	8	.	0

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## TS 25.305

Rel-4 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2  
current version: 4.7.0 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
freeze\_meeting: RP-11 / - MCC: ARZELIER, Claude

remarks - general: Created from 25.923

remarks - this release:

G: U: yes

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-14	2002-01-04	4	.	2	.	0
RP-15	2002-03-19	4	.	3	.	0
RP-19	2003-03-25	4	.	4	.	0
RP-20	2003-06-20	4	.	5	.	0
RP-21	2003-10-02	4	.	6	.	0
RP-22	2004-01-12	4	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.306 UE Radio Access capabilities definition

Rel-4  
current version: 4.9.0  
freeze\_meeting: SP-11  
remarks - general: Converted from TR 25.926 at TSG#10.

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: BERGGREN, Anders  
MCC: ARZELIER, Claude  
Ericsson Incorporated

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-18	2003-01-08	4	.	6	.	0
RP-20	2003-06-20	4	.	7	.	0
RP-21	2003-10-02	4	.	8	.	0
RP-22	2004-01-12	4	.	9	.	0

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## TS 25.307

Rel-4

### Requirements on User Equipments (Ues) supporting a release-independent frequency band

WG (prime / other): R2 / R4  
G: U: yes  
rapporteur: FAUCONNIER, Denis  
MCC: ARZELIER, Claude  
NORTEL NETWORKS (EUROPE)

remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

remarks - this release: Expect continual updates each time a new band is allowed.

### history (event, available, version, comments, hyperlink):

RP-13	2001-10-02	4	.	0	.	0
RP-14	2002-01-04	4	.	1	.	0
RP-22	2004-01-12	4	.	2	.	0
RP-23	2004-03-24	4	.	3	.	0
RP-25	2004-09-23	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 current version: 4.10.0

freeze\_meeting: RP-11

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur:

STADLER, Thomas

SIEMENS AG

MCC:

ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-18	4	.	6	.	0
RP-18	2003-01-08	4	.	7	.	0
RP-19	2003-03-25	4	.	8	.	0
RP-21	2003-10-02	4	.	9	.	0
RP-24	2004-06-17	4	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 current version: 4.12.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / -

rapporteur: HUS, Olivier

G: U: yes

MCC: ARZELIER, Claude

Philips Research Laboratories

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-19	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-03-25	4	.	8	.	0
RP-20	2003-06-20	4	.	9	.	0
RP-21	2003-10-02	4	.	10	.	0
RP-22	2004-01-12	4	.	11	.	0
RP-24	2004-06-17	4	.	12	.	0

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## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / -

rapporteur: HANS, Martin

G: U: yes

MCC: ARZELIER, Claude

INFINEON TECHNOLOGIES

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-18	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rappporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-16	2002-06-17	4	.	1	.	0
RP-18	2003-01-13	4	.	2	.	0
RP-19	2003-03-25	4	.	3	.	0
RP-24	2004-06-17	4	.	4	.	0
RP-26	2005-01-04	4	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 current version: 4.16.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi

G: U: yes MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0 [get it](#)

RP-12 2001-06-27 4 . 1 . 0 [get it](#)

RP-13 2001-10-08 4 . 2 . 0 [get it](#)

replace ASN.1 2001-10-16 4 . 2 . 1 [get it](#)

RP-14 2002-01-18 4 . 3 . 0 [get it](#)

RP-15 2002-03-25 4 . 4 . 0 [get it](#)

RP-16 2002-06-20 4 . 5 . 0 [get it](#)

RP-17 2002-09-20 4 . 6 . 0 [get it](#)

Do not use this version: contains wrong ASN.1

Misimplemented RP- 2002-09-23 4 . 7 . 0 [get it](#)  
17 CR v4.6.0 omitted ASN.1 in error

RP-18 2003-02-03 4 . 8 . 0 [get it](#)

RP-19 2003-03-27 4 . 9 . 0 [get it](#)

RP-20 2003-06-25 4 . 10 . 0 [get it](#)

RP-21 2003-10-02 4 . 11 . 0 [get it](#)

RP-22 2004-01-12 4 . 12 . 0 [get it](#)

RP-23 2004-03-24 4 . 13 . 0 [get it](#)

RP-24 2004-06-28 4 . 14 . 0 [get it](#)

RP-25 2004-09-27 4 . 15 . 0 [get it](#)

Cover page shows 2004-06 rather than 2004-09

RP-26 2004-12-23 4 . 16 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.401 UTRAN overall description

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-11  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: GODIN, Philippe  
MCC: CALDENHOVEN, Juergen  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-30	4	.	5	.	0
RP-18	2003-01-03	4	.	6	.	0

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## TS 25.402 Synchronisation in UTRAN Stage 2

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-11  
remarks - general: New

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-15	2002-04-02	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-18	2003-01-03	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.410 UTRAN lu interface: General Aspects and Principles

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general: Approval at TSG#5

WG (prime / other): R3 / -

G: U: yes

rapporteur: DIESEN, Michael

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

G: U: yes

rapporteur: DIESEN, Michael

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-30	4	.	5	.	0

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## TS 25.411 UTRAN lu interface layer 1

Rel-4 current version: 4.1.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0

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## TS 25.412 UTRAN lu interface signalling transport

Rel-4 current version: 4.1.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: NG, Cheng Hock

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-17	2002-09-30	4	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

WG (prime / other):

G: U: yes

R3 / - rapporteur: GUYOT, Olivier

MCC: CALDENHOVEN, Juergen

NOKIA Corporation

remarks - general:

freeze\_meeting: RP-11

current version: 4.12.0

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0	.	0
RP-13	2001-10-12	4	.	2	.	0	.	0
RP-14	2002-01-14	4	.	3	.	0	.	0
RP-15	2002-04-02	4	.	4	.	0	.	0
RP-16	2002-07-05	4	.	5	.	0	.	0
RP-17	2002-10-03	4	.	6	.	0	.	0
RP-18	2003-01-03	4	.	7	.	0	.	0
RP-19	2003-03-26	4	.	8	.	0	.	0
RP-20	2003-06-17	4	.	9	.	0	.	0
RP-21	2003-09-30	4	.	10	.	0	.	0
RP-22	2004-01-13	4	.	11	.	0	.	0
RP-23	2004-04-01	4	.	12	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-13	2001-10-12	4	.	1	.	0
RP-14	2002-01-14	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-18	2003-01-03	4	.	5	.	0
RP-19	2003-03-26	4	.	6	.	0
RP-22	2004-01-13	4	.	7	.	0

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## TS 25.415 UTRAN Iu interface user plane protocols

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-25	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-30	4	.	6	.	0
RP-18	2003-01-03	4	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4  
current version: 4.10.0  
freeze\_meeting: SP-11

MCWILLIAMS, Brendan VODAFONE Group Plc  
CALDENHOVEN, Juergen

WG (prime / other): R3 / -  
G: U: yes

rapporteur:

MCC:

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-15	2002-03-25	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
correct vers no.	2002-08-06	4	.	5	.	1
shown on doc						
RP-17	2002-10-03	4	.	6	.	0
RP-19	2003-03-26	4	.	7	.	0
RP-20	2003-06-17	4	.	8	.	0
RP-21	2003-09-30	4	.	9	.	0
RP-22	2004-01-13	4	.	10	.	0

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## TS 25.420 UTRAN Iur interface: General Aspects and Principles

Rel-4  
current version: 4.2.0  
freeze\_meeting: SP-11

PALAT, Sudeep  
CALDENHOVEN, Juergen

WG (prime / other): R3 / -  
G: U: yes

rapporteur:

MCC:

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-14	2002-01-11	4	.	1	.	0
RP-15	2002-04-02	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.421 UTRAN Iur interface Layer 1

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

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## TS 25.422 UTRAN Iur interface signalling transport

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: PALAT, Sudeep

MCC: CALDENHOVEN, Juergen

Lucent Technologies Network Systems UK

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

RP-14 2002-01-11 4 . 1 . 0

edito post RP-14 2002-04-02 4 . 1 . 1

RP-17 2002-10-03 4 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

WG (prime / other): R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson

G: U: yes MCC: CALDENHOVEN, Juergen

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0	
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-05	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-11	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-03-31	4	.	8	.	0	<a href="#">get it</a>
RP-20	2003-06-17	4	.	9	.	0	<a href="#">get it</a>
RP-21	2003-09-30	4	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	11	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	12	.	0	<a href="#">get it</a>
RP-24	2004-06-18	4	.	12	.	1	ASN.1 editorials

## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

WG (prime / other): R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: DREVON, Nicolas

MCC: CALDENHOVEN, Juergen

G: ALCATEL S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-13	2001-10-12	4	.	1	.	0
RP-14	2002-01-11	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-22	2004-01-13	4	.	4	.	0

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## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KEKKI, Sami

MCC: CALDENHOVEN, Juergen

G: NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-14	2002-01-11	4	.	1	.	0
RP-15	2002-04-02	4	.	2	.	0
RP-16	2002-06-28	4	.	3	.	0
RP-17	2002-10-03	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

WG (prime / other): R3 / -

U: yes

rapporteur: HAKULI, Tuomas

MCC: CALDENHOVEN, Juergen

G: NOKIA Corporation

freeze\_meeting: SP-11

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-18	2003-01-03	4	.	4	.	0
RP-22	2004-01-13	4	.	5	.	0

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## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

WG (prime / other): R3 / -

U: yes

rapporteur: KOIZUMI, Yoshiko

MCC: CALDENHOVEN, Juergen

G: Fujitsu Limited

freeze\_meeting: SP-11

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-14	2002-01-11	4	.	2	.	0
RP-16	2002-06-28	4	.	3	.	0
RP-17	2002-10-03	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.431 UTRAN lub interface Layer 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

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## TS 25.432 UTRAN lub interface: signalling transport

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rapporteur: KOIZUMI, Yoshiko  
MCC: CALDENHOVEN, Juergen  
Fujitsu Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 current version: 4.13.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / - rapporteur: SEHEDIC, Yann  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
edito	2001-10-23	4	.	2	.	1
RP-14	2002-01-11	4	.	3	.	0
RP-15	2002-04-04	4	.	4	.	0
RP-16	2002-07-19	4	.	5	.	0
RP-17	2002-10-11	4	.	6	.	0
RP-18	2003-01-03	4	.	7	.	0
RP-19	2003-03-31	4	.	8	.	0
RP-20	2003-06-17	4	.	9	.	0
RP-21	2003-09-30	4	.	10	.	0
RP-22	2004-01-13	4	.	11	.	0
RP-23	2004-04-01	4	.	12	.	0
RP-25	2004-09-28	4	.	13	.	0

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## TS 25.434

Rel-4

current version: 4.4.0  
freeze\_meeting: SP-11

remarks - general:

## UTRAN lub interface data transport & transport signalling for CCH data streams

WG (prime / other): R3 / - rapporteur: LAVASANI, Shahab  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-14	2002-01-11	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

current version: 4.6.0

freeze\_meeting: SP-11

WG (prime / other): R3 / -

G: U: yes

rapporteur: STOJANOVSKI, Sašo

MCC: CALDENHOVEN, Juergen

NORTEL NETWORKS (EUROPE)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-15	2002-04-02	4	.	4	.	0
RP-17	2002-10-03	4	.	5	.	0
RP-22	2004-01-13	4	.	6	.	0

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## TS 25.442 UTRAN implementation-specific O&M transport

current version: 4.0.0

freeze\_meeting: SP-11

WG (prime / other): R3 / -

rapporteur: HAUSER, Alexander

MCC: CALDENHOVEN, Juergen

G: U: yes

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.832 Manifestations of Handover and SRNS relocation

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: TOWNEND, Richard mm02 plc  
MCC: CALDENHOVEN, Juergen  
remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

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## TR 25.834 UTRA TDD low chip rate option; Radio protocol aspects

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: LIU, YanHui  
MCC: ARZELIER, Claude  
China Academy of Telecommunications Technology  
remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

Start of work 2000-07-01 0 . 0 . 0  
draft 2000-07-15 0 . 0 . 1  
draft 2000-08-01 0 . 1 . 0  
RP-09 2000-10-01 1 . 0 . 0  
RP-10 2000-12-20 4 . 0 . 0  
RP-11 2001-03-27 4 . 1 . 0

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## TR 25.836 Node B synchronization for TDD

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / -  
G: U: yes  
rapporteur: OESTREICH, Stefan  
MCC: ISHII, Yoshikazu  
SIEMENS AG  
remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10 2001-01-12 4 . 0 . 0  
RP-11 2001-04-05 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: LENHART, Johannes  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG  
remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

draft	2000-07-15	0	0	1
RP-09	2000-09-21	0	1	0
RP-10	2000-12-21	0	1	1
RP-11	2001-04-06	4	0	0
RP-14	2002-01-11	4	1	0

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## TR 25.840 Terminal power saving features

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / -  
U: yes  
rapporteur: SASAKI, Tsukasa  
MCC: ISHII, Yoshikazu  
Fujitsu Limited

remarks - this release: RP-15: Not to be promoted to Rel-5. 2003-11-28: WG Chairman indicates that the doc is contentious, and cannot easily be brought under change control. RP-22: Nevertheless, brought under change control; no further work envisaged.

history (event, available, version, comments, hyperlink):

RP-09	2000-09-28	1	0	0
RP-10	2001-01-12	2	0	0
RP-11	2001-04-05	2	3	0
RP-22	2004-01-14	4	0	0

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approved unseen at RP-22. No further work envisaged.

G = required in systems with GERAN access; U = required in systems with UMTS access.



**TR 25.841 DSCH power control improvement in soft handover**

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-09 2000-09-28 1 . 0 . 0  
RP-10 2001-01-12 4 . 0 . 0  
RP-11 2001-04-04 4 . 1 . 0

**TR 25.843 1,28 Mcps TDD UE Radio Access Capabilities**

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / - rapporteur: ZHU, Yifei China Academy of Telecommunications Technology

G: U: yes MCC: ARZELIER, Claude

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10 2000-12-20 4 . 0 . 0  
RP-11 2001-03-27 4 . 1 . 0

**TR 25.844 Radio access bearer support enhancements**

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / - rapporteur: KRISHNARAJAH, Ainkaran Ericsson AB

G: U: yes MCC: ARZELIER, Claude

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10 2000-12-20 1 . 0 . 0 RP-000560  
RP-11 2001-03-27 4 . 0 . 0  
RP-13 2001-10-02 4 . 1 . 0  
RP-16 2002-06-17 4 . 2 . 0  
RP-17 2002-09-18 4 . 3 . 0

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.847 UE positioning enhancements

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 /  
G: U: yes

rappporteur: BECKMANN, Mark  
MCC: ARZELIER, Claude

SIEMENS AG

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

draft 2000-11-10 0 . 1 . 0  
RP-10 2000-12-20 1 . 0 . 0  
RP-11 2001-03-27 4 . 0 . 0

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## TR 25.848 Physical Layer Aspects of UTRA High Speed Downlink Packet Access

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-10

remarks - general:

WG (prime / other): R1 /  
G: U: yes

rappporteur: IKEDA, Shinobu  
MCC: ISHII, Yoshikazu

NEC Corporation

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-05 4 . 0 . 0

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## TR 25.849 DSCH power control improvement in soft handover

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: WOONHEE, Hwang  
MCC: CALDENHOVEN, Juergen

NOKIA Corporation

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.850 UE positioning in UTRAN lub/lur protocol aspects

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: HAUTALA, Jari  
MCC: CALDENHOVEN, Juergen  
G: NOKIA Corporation

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10 2000-12-21 0 . 0 . 2 RP-000658  
draft 2000-12-21 0 . 1 . 0  
RP-11 2001-04-06 4 . 0 . 0  
RP-12 2001-07-06 4 . 1 . 0  
RP-13 2001-10-12 4 . 2 . 0  
RP-14 2002-01-11 4 . 3 . 0

## TR 25.851 RAB Quality of Service (QoS) Renegotiation over lu

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 /  
U: yes  
rapporteur: IRWIN, Sania  
MCC: CALDENHOVEN, Juergen  
G: MOTOROLA GmbH

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10 2000-12-21 0 . 0 . 2 RP-000660  
RP-11 2001-04-06 4 . 0 . 0

## TR 25.853 Delay budget within the access stratum

Rel-4  
current version: 4.0.0  
freeze\_meeting: RP-11

remarks - general: Was 25.932. Approved and renumbered at TSG#10.

WG (prime / other): R3 / -  
U: yes  
rapporteur: VON BRANDT, Armin  
MCC: CALDENHOVEN, Juergen  
G: SIEMENS AG

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.921 Guidelines and principles for protocol description and error handling

WG (prime / other): R2 / -

G: U: yes

rapporteur: BARRETO, Luis

MCC: ARZELIER, Claude

NOKIA UK Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-18	2003-01-13	4	.	5	.	0
RP-21	2003-10-02	4	.	6	.	0
RP-23	2004-03-26	4	.	7	.	0
RP-24	2004-06-17	4	.	8	.	0

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## TR 25.922 Radio resource management strategies

WG (prime / other): R2 / -

G: U: yes

rapporteur: HUS, Olivier

MCC: ARZELIER, Claude

Philips Research Laboratories

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0
RP-13	2001-10-02	4	.	1	.	0
RP-15	2002-03-19	4	.	2	.	0
RP-23	2004-03-24	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer

Rel-4 current version: 4.0.1

freeze\_meeting: SP-11

remarks - general: Created R1#10, Jan 99.

WG (prime / other): R1 / - rapporteur: AKSENTIJEVIC, Mirko NOKIA Corporation

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-07	2000-03-15	0	0	2	RP-000091
RP-07	2000-03-15	0	0	3	RP-000158
RP-08		0	2	0	
RP-08	2000-06-23	1	0	0	
RP-09	2001-01-11	1	1	0	
RP-11	2001-04-06	4	0	0	
edito	2001-04-10	4	0	1	

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## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 current version: 4.4.0

freeze\_meeting: SP-07

remarks - general:

WG (prime / other): R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-30	4	0	0	
RP-12	2001-07-05	4	1	0	
RP-14	2002-01-11	4	2	0	
RP-15	2002-04-02	4	3	0	
RP-16	2002-06-28	4	4	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.934 AAL2 QoS optimization

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: YOSHIMIJRA, Takayuki Vodafone K.K.  
MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

draft	2000-04-25	0	0	0	
draft	2000-05-16	0	0	1	
RP-09	2000-09-28	0	2	0	
RP-10	2000-12-21	0	2	1	RP-000646
RP-11	2001-04-06	4	0	0	

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## TR 25.935 RRM optimisation

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: VAN LIESHOUT, Gert-Jan SAMSUNG Electronics Research Institute

MCC: CALDENHOVEN, Juergen  
remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

Start of work	2000-08-01	0	0	0	
draft	2000-07-15	0	0	1	
R3-15	2000-08-15	0	1	0	
RP-10	2000-12-21	0	1	1	
draft	2000-10-16	1	0	0	
RP-11	2001-04-06	4	0	0	
RP-15	2002-03-25	4	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.936 Handover for realtime services from PS-domain

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / - rapporteur: MOUSSET, Claire NORTEL NETWORKS (EUROPE)

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

Start of work	2000-07-01	0	0	0	0
draft	2000-07-15	0	0	0	1
R3-15	2000-09-01	0	1	0	0
RP-10	2000-12-21	0	3	0	0
RP-11	2001-04-06	4	0	0	0
formatting	2002-01-09	4	0	0	1
corrections					

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## TR 25.937 UTRAN TDD low chiprate

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / - rapporteur: XU, Bing HuaWei Technologies Co., Ltd

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

draft	2000-08-01	0	0	0	0
draft	2000-08-15	0	0	0	1
R3-15	2000-08-30	0	1	0	0
RP-10	2000-12-21	0	3	1	RP-000686
RP-11	2001-04-06	4	0	0	0
RP-13	2001-10-12	4	1	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.942

Rel-4

### Radio Frequency (RF) system scenarios

current version: 4.2.0

freeze\_meeting: SP-12

remarks - general: Additional rapporteur = A.De Pasquale.

WG (prime / other): R4 / -

G: U: yes

rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-10-10	4	.	0	.	0	.	0	expected post RP-12
RP-14	2002-01-14	4	.	1	.	0	.	0	
RP-16	2002-07-03	4	.	2	.	0	.	0	

## TR 25.943

Rel-4

### Deployment aspects

current version: 4.2.0

freeze\_meeting: RP-12

remarks - general:

WG (prime / other): R4 / -

G: U: yes

rapporteur: SKÖLD, Johan Telefon AB L M Ericsson

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

### history (event, available, version, comments, hyperlink):

R4-09		0	.	0	.	1	.	0	
R4-11		0	.	1	.	0	.	0	
RP-08	2000-06-23	2	.	0	.	0	.	0	
RP-12		2	.	1	.	0	.	0	RP-010437
RP-12	2001-06-29	4	.	0	.	0	.	0	
RP-14	2002-01-16	4	.	1	.	0	.	0	
RP-16	2002-07-03	4	.	2	.	0	.	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.944 Channel coding and multiplexing examples

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Created Jan 2000 (aka R1.04)

WG (prime / other): R1 / -  
G: U: yes  
rapporteur: IKEDA, Shinobu  
MCC: ISHII, Yoshikazu  
remarks - this release: RP-15: Not to be promoted to Rel-5.

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
edito	2001-04-10	4	.	0	.	1
RP-12	2001-06-28	4	.	1	.	0

[get it](#)  
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## TR 25.945 RF requirements for low chip rate TDD option

Rel-4  
current version: 4.1.1  
freeze\_meeting: SP-11

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: ZHANG, Daijun  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release:

### remarks - general:

### history (event, available, version, comments, hyperlink):

RP-09		0	.	3	.	0
RP-10	2000-12-21	2	.	0	.	0
RP-11	2001-05-28	4	.	0	.	0

Cosmetically too nasty to publish as ETSI TR (TS??)

RP-13	2001-10-10	4	.	1	.	0
fix layout prob	2001-10-10	4	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.946 RAB Quality of Service (QoS) Negotiation over lu

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: VESELY, Alexander  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

draft	2000-08-15	0	0	1
R3-15	2000-08-30	0	1	0
RP-10	2000-12-21	0	1	1
RP-11	2001-04-06	4	0	0

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## TR 25.950 UTRA high speed downlink packet access

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / -  
U: yes  
rapporteur: KUCHIBHOTLA, Ravi  
MCC: ARZELIER, Claude  
MOTOROLA Ltd

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

draft	2000-11-07	0	0	0
RP-11	2001-03-27	4	0	0

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[get it](#)

## TR 25.953 TrFO/TFO

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: VESELY, Alexander  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10	2000-12-21	0	0	3
RP-11	2001-04-06	4	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.954 Migration to modification procedure

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: YOSHIMURA, Takayuki Vodafone K.K.  
MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15: No upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

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## TR 25.956 Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis

Rel-4  
current version: 4.0.0  
freeze\_meeting: RP-11

remarks - general:

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: GARCIA LOPEZ, Lorena TELEFONICA S.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-10 4 . 0 . 0

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## TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 /  
G: U: yes  
rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
MCC: ARZELIER, Claude

remarks - this release: Pointer to latest release version.

history (event, available, version, comments, hyperlink):

RP-18 2003-01-13 4 . 0 . 0 Back creation from Rel-6 version

RP-22 2004-01-12 4 . 1 . 0

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Rel-4 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.071 AMR speech Codec; General description

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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## TS 26.073 AMR speech Codec; C-source code

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0  
SP-14 2002-01-09 4 . 1 . 0

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## TS 26.074 AMR speech Codec; Test sequences

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0  
corrected tests 2001-07-04 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.077 Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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## TS 26.090 AMR speech Codec; Transcoding Functions

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-07 4 . 0 . 0

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## TS 26.091 AMR speech Codec; Error concealment of lost frames

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels

Rel-4  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 4.0.0  
freeze\_meeting: SP-11  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-4  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 4.0.0  
freeze\_meeting: SP-11  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-10 2000-12-21 4 . 0 . 0

[get it](#)

---

## TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels

Rel-4  
WG (prime / other): S4 / -  
G: yes U: yes  
current version: 4.0.0  
freeze\_meeting: SP-11  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.101

Rel-4 **Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**

current version: 4.2.0

freeze\_meeting: SP-11

WG (prime / other): S4 / -

G: U: yes

rapporteur: HAGQVIST, Jari

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

SP-12 2001-06-27 4 . 1 . 0

SP-15 2002-03-28 4 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

## TS 26.102

Rel-4 **Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

current version: 4.1.0

freeze\_meeting: SP-11

WG (prime / other): S4 / -

G: yes U: yes

NORTEK NETWORKS (EUROPE)

rapporteur: NAVARRO, William

MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

SP-19 2003-04-04 4 . 1 . 0

[get it](#)

[get it](#)

## TS 26.103

Rel-4 **Speech codec list for GSM and UMTS**

current version: 4.4.0

freeze\_meeting: SP-11

WG (prime / other): S4 / -

G: yes U: yes

Telefon AB LM Ericsson

rapporteur: HELLWIG, Karl

MCC: USAI, Paolino

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-10 2000-12-21 4 . 0 . 0

SP-11 2001-04-10 4 . 1 . 0

SP-14 2002-01-09 4 . 2 . 0

SP-16 2002-06-28 4 . 3 . 0

SP-26 2005-01-06 4 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.104 ANSIC code for the floating-point Adaptive Multi-Rate (AMR) speech codec

Rel-4 current version: 4.5.0 WG (prime / other): S4 / - rapporteur: USAI, Paolino  
freeze\_meeting: SP-11 G: yes U: yes MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-10 2000-12-21 4 . 0 . 0 [get it](#)  
SP-12 2001-06-27 4 . 1 . 0 [get it](#)  
bug fix 2001-06-29 4 . 1 . 1 [get it](#)  
SP-13 2001-10-02 4 . 2 . 0 [get it](#)  
SP-15 2002-03-28 4 . 3 . 0 [get it](#)  
SP-19 2003-04-04 4 . 4 . 0 [get it](#)  
SP-20 2003-06-25 4 . 5 . 0 [get it](#)

---

## TS 26.110 Codec for circuit switched multimedia telephony service; General description

Rel-4 current version: 4.1.0 WG (prime / other): S4 / - rapporteur: ARONSON, Barry  
freeze\_meeting: SP-11 G: yes U: yes MCC: USAI, Paolino  
TOSHIBA CO

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-09 2000-10-10 4 . 0 . 0 [get it](#)  
SP-11 2001-04-10 4 . 1 . 0 [get it](#)

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## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

Rel-4 current version: 4.0.0 WG (prime / other): S4 / - rapporteur: ARONSON, Barry  
freeze\_meeting: SP-11 G: yes U: yes MCC: USAI, Paolino  
TOSHIBA CO

remarks - general: CR at TSG#5 remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.115 Echo control for speech and multimedia services

Rel-4 WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: U: yes MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

freeze\_meeting: SP-11

remarks - general:

remarks - this release: Derived from 26.914 R99.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-4 WG (prime / other): S4 / - rapporteur: GOETZ, Ian  
G: U: yes MCC: USAI, Paolino

TELLABS OPERATIONS INC.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

SP-13 2001-10-02 4 . 1 . 0

SP-17 2002-09-24 4 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-4 WG (prime / other): S4 / - rapporteur: GOETZ, Ian  
G: U: yes MCC: USAI, Paolino

TELLABS OPERATIONS INC.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

SP-13 2001-10-02 4 . 1 . 0

SP-15 2002-03-28 4 . 2 . 0

SP-17 2002-09-24 4 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.233 End-to-end transparent streaming service; General description

Rel-4 current version: 4.2.0  
freeze\_meeting: SP-11

G: HONKO, Harri  
USAI, Paolino

WG (prime / other): S4 / -  
U: yes

rapporteur:  
MCC:

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2000-11-02	0	1	0	
SP-10	2000-12-21	1	0	0	
SP-11	2001-04-10	4	0	0	
SP-14	2002-01-09	4	1	0	
SP-15	2002-03-28	4	2	0	

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<a href="#">get it</a>
<a href="#">get it</a>
<a href="#">get it</a>
<a href="#">get it</a>

## TS 26.234 Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs

Rel-4 current version: 4.5.0  
freeze\_meeting: SP-11

G: FRANCESCHI, Oile  
USAI, Paolino

WG (prime / other): S4 / -  
U: yes

rapporteur:  
MCC:

Nippon Ericsson K.K.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	2000-10-19	0	0	1	
draft	2000-10-26	0	0	2	
draft	2000-11-02	0	0	3	
SP-10	2000-12-21	1	0	0	SP-000566
SP-11	2001-04-10	4	0	0	
SP-13	2001-10-02	4	1	0	
SP-14	2002-01-09	4	2	0	
SP-15	2002-03-28	4	3	0	
SP-16	2002-06-28	4	4	0	
SP-18	2003-01-03	4	5	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.901 AMR wideband speech codec; Feasibility study report

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes

OHANA, Alain  
USAI, Paolino

Cingular Wireless LLC

rapporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 2 . 0 . 0  
SP-07 2000-03-17 4 . 0 . 0  
edito 2000-04-26 4 . 0 . 1

[get it](#)  
[get it](#)  
[get it](#)

## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

Rel-4  
current version: 4.2.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U: yes

HAAVISTO, Petri  
USAI, Paolino

Nokia Research Center

rapporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-10 2000-12-21 4 . 0 . 0  
SP-11 2001-04-10 4 . 1 . 0  
SP-19 2003-04-04 4 . 2 . 0

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[get it](#)  
[get it](#)

## TR 26.912 Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: U: yes

FRANCESCHI, Oile  
USAI, Paolino

Nippon Ericsson K.K.

rapporteur:  
MCC:

remarks - this release: 2002-06-18: not useful to upgrade to Rel-5?

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
G: yes U: yes  
rappporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general: Replaces 26.075, 2001-10-02. Also for GSM.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0  
SP-13 2001-10-02 4 . 1 . 0

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## TR 26.978 Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
G: yes U: yes  
rappporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general: Replaces 26.078

remarks - this release: Replaces 26.078

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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Rel-4 **27** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 27 [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-4 current version: 4.12.0 freeze\_meeting: SP-11

reporteur: HUSLENDE, Ragnar

Telefon AB LM Ericsson

G: yes U: yes

MCC:

N3 / -

reporteur: HUSLENDE, Ragnar

HAN, Seung Don

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-08	2000-06-28	4	.	0	.	0
NP-09	2000-10-23	4	.	1	.	0
NP-10	2001-01-04	4	.	2	.	0
NP-11	2001-04-05	4	.	3	.	0
NP-12	2001-07-04	4	.	4	.	0
NP-13	2001-10-10	4	.	5	.	0
NP-14	2002-01-11	4	.	6	.	0
NP-15	2002-03-20	4	.	7	.	0
NP-17	2002-09-17	4	.	8	.	0
NP-19	2003-03-27	4	.	9	.	0
NP-20	2003-06-25	4	.	10	.	0
NP-21	2003-10-01	4	.	11	.	0
NP-24	2004-06-18	4	.	12	.	0

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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

reporteur: HUSLENDE, Ragnar

Telefon AB LM Ericsson

G: yes U: yes

MCC:

N3 / -

reporteur: HUSLENDE, Ragnar

HAN, Seung Don

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-09 (probably)	2000-10-12	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson

current version: 4.1.0

freeze\_meeting: SP-11

MCC: HAN, Seung Don

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10 2000-12-22 4 . 0 . 0

NP-11 2001-04-02 4 . 1 . 0

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## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

MCC: HAN, Seung Don

G: yes U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-06 4 . 0 . 0

TP-13 2001-10-04 4 . 1 . 0

TP-16 2002-06-25 4 . 2 . 0

edito post TP-26 2005-01-17 4 . 2 . 1 make figure 0.1 visible

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 27 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.007 AT command set for User Equipment (UE)

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T2 / - rapporteur: VOTE, Nicola

G: yes U: yes U: yes MCC: HAN, Seung Don

NTT DoCoMo Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-09	2000-10-11	4	0	0	0
TP-11	2001-04-11	4	1	0	0
TP-12	2001-07-04	4	2	0	0
TP-14	2002-01-15	4	3	0	0
TP-15	2002-04-04	4	4	0	0
TP-18	2002-12-20	4	5	0	0
TP-19	2003-03-31	4	6	0	0

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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm

G: yes U: yes U: yes MCC: HAN, Seung Don

Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11	2001-04-06	4	0	0	0
TP-13	2001-10-04	4	1	0	0
TP-15	2002-03-25	4	2	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: yes MCC: HAN, Seung Don

remarks - this release:

remarks - general: GPRS

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0  
NP-16 2002-06-24 4 . 1 . 0  
NP-17 2002-09-17 4 . 2 . 0  
NP-20 2003-06-23 4 . 3 . 0  
NP-20: 2003-07-01 4 . 3 . 1

corrects typo  
(wrong version no.  
on cover)

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## TS 27.103 Wide Area Network Synchronization

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
Vodafone D2 GmbH

G: yes U: yes MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0  
TP-15 2002-03-26 4 . 1 . 0

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## TR 27.903 Discussion of synchronization standards

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: HAN, Seung Don

remarks - this release: TP-15: Not to be promoted to Rel-5.

remarks - general:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0

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Rel-4 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: SUERBAUM, Clemens SIEMENS AG

MCC: USAI, Paolino

remarks - this release: TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	.	0	.	0	.	0	
SP-09	2000-10-18	0	.	0	.	3			
SP-10	2000-12-21	1	.	0	.	0		NP-000568	
draft	2001-02-08	1	.	1	.	0			
SP-11	2001-04-10	4	.	0	.	0			
SP-12	2001-06-27	4	.	1	.	0			
edito	2001-10-01	4	.	1	.	1			
SP-14	2002-01-09	4	.	2	.	0			
SP-15	2002-03-28	4	.	3	.	0			
SP-16	2002-06-28	4	.	4	.	0			
SP-18	2003-01-03	4	.	5	.	0			
SP-26	2005-01-06	4	.	6	.	0			

Attachment TFO\_Decision C-Code has known errors. Anticipate CRs at SP-27.

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Rel-4

29 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.002 Mobile Application Part (MAP) specification

Rel-4 current version: 4.15.0

freeze\_meeting: SP-11

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-08	2000-06-23	4	.	0	.	0		<a href="#">get it</a>
edito	2000-08-04	4	.	0	.	1		<a href="#">get it</a>
edito	2000-08-11	4	.	0	.	2		<a href="#">get it</a>
NP-09	2000-10-26	4	.	1	.	0		<a href="#">get it</a>
NP-10	2000-12-20	4	.	2	.	0		<a href="#">get it</a>
edito	2001-02-01	4	.	2	.	1		<a href="#">get it</a>
NP-11	2001-04-06	4	.	3	.	0		<a href="#">get it</a>
NP-12	2001-07-06	4	.	4	.	0		<a href="#">get it</a>
edito	2001-08-16	4	.	4	.	1		<a href="#">get it</a>
NP-13	2001-10-03	4	.	5	.	0		<a href="#">get it</a>
NP-14	2002-01-18	4	.	6	.	0		<a href="#">get it</a>
NP-15	2002-04-04	4	.	7	.	0		<a href="#">get it</a>
NP-16	2002-06-21	4	.	8	.	0		<a href="#">get it</a>
NP-17	2002-09-24	4	.	9	.	0		<a href="#">get it</a>
NP-18	2003-01-09	4	.	10	.	0		<a href="#">get it</a>
NP-19	2003-04-04	4	.	11	.	0		<a href="#">get it</a>
NP-20	2003-07-04	4	.	12	.	0	delayed availability due to complexity of changes	<a href="#">get it</a>
NP-21	2003-10-09	4	.	13	.	0		<a href="#">get it</a>
NP-23	2004-03-23	4	.	14	.	0		<a href="#">get it</a>
NP-24	2004-06-17	4	.	15	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

WG (prime / other): N3 / -

rappporteur: BELLING, Thomas

SIEMENS AG

G: yes U: yes

MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-09	2000-10-12	4	.	0	.	0
NP-10	2001-01-04	4	.	1	.	0
NP-11	2001-03-29	4	.	2	.	0
NP-14	2002-01-11	4	.	3	.	0
NP-16	2002-06-24	4	.	4	.	0
NP-17	2002-09-17	4	.	5	.	0
NP-18	2003-01-09	4	.	6	.	0
NP-19	2003-03-27	4	.	7	.	0
NP-20	2003-06-23	4	.	8	.	0
NP-21	2003-10-01	4	.	9	.	0
NP-22	2004-01-22	4	.	10	.	0
NP-24	2004-06-18	4	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.010** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling  
Rel-4 current version: Procedures and the Mobile Application Part (MAP) N4  
TeliaSonera AB / - KYMALAINEN, Kimmo

freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4 (transfer??)

G: yes U: yes  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-03-30 4 . 0 . 0 [get it](#)  
NP-12 2001-07-06 4 . 1 . 0 [get it](#)  
NP-14 2002-01-11 4 . 2 . 0 [get it](#)  
NP-16 2002-06-21 4 . 3 . 0 [get it](#)  
NP-17 2002-09-18 4 . 4 . 0 [get it](#)  
NP-18 2003-01-07 4 . 5 . 0 [get it](#)  
NP-20 2003-06-27 4 . 6 . 0 [get it](#)  
NP-22 2004-01-12 4 . 7 . 0 [get it](#)  
NP-23 2004-03-24 4 . 8 . 0 [get it](#)

## TS 29.011 Signalling Interworking for Supplementary Services

Rel-4 current version: 4.0.1  
freeze\_meeting: SP-11  
WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - this release: Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general: Transfer>TSG#4

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

update references 2002-06-24 4 . 0 . 1

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## TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

WG (prime / other): N1 / - rapporteur: DAWES, Peter VODAFONE LTD

G: yes U: yes MCC: JURISIC, Andrijana

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0

NP-16 2002-06-26 4 . 1 . 0

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## TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

WG (prime / other): N1 / - rapporteur: DAWES, Peter VODAFONE LTD

G: yes U: yes MCC: JURISIC, Andrijana

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0

NP-13 2001-10-03 4 . 1 . 0

NP-14 2002-01-04 4 . 2 . 0

NP-15 2002-03-19 4 . 3 . 0

NP-16 2002-06-26 4 . 4 . 0

NP-21 2003-10-10 4 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

WG (prime / other): N4 / -

rapporporteur: KYMALAINEN, Kimmo TeliSonera AB

freeze\_meeting: SP-11

MCC:

KYMALAINEN, Kimmo

G: yes U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-30	4	.	0	.	0	
NP-12	2001-07-04	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-28	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-18	4	.	5	.	0	<a href="#">get it</a>
NP-18	2003-01-07	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	8	.	0	<a href="#">get it</a>
NP-21	2003-10-09	4	.	9	.	0	<a href="#">get it</a>
NP-22	2004-01-12	4	.	10	.	0	<a href="#">get it</a>
NP-23	2004-03-24	4	.	11	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.061

Rel-4

**Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)**

*current version:* 4.10.0

*freeze\_meeting:* SP-11

Telefon AB LM Ericsson

*rapporteur:* HUSLENDE, Ragnar

*MCC:* HAN, Seung Don

*remarks - general:* Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".

*G:* yes *U:* yes  
*remarks - this release:*

*WG (prime / other):* N3 / -

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0
NP-12	2001-06-28	4	.	1	.	0
NP-13	2001-10-12	4	.	2	.	0
NP-14	2002-01-14	4	.	3	.	0
NP-15	2002-03-20	4	.	4	.	0
NP-16	2002-07-02	4	.	5	.	0
NP-18	2003-01-09	4	.	6	.	0
NP-19	2003-03-27	4	.	7	.	0
NP-20	2003-06-23	4	.	8	.	0
NP-22	2004-01-15	4	.	9	.	0
NP-24	2004-06-18	4	.	10	.	0

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## TS 29.078

Rel-4

**customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**

*current version:* 4.8.0

*freeze\_meeting:* SP-11

Telefon AB LM Ericsson

*rapporteur:* NOLDUS, Rogier

*MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.

*WG (prime / other):* N4 / -

*G:* yes *U:* yes  
*remarks - this release:* Phase 3

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-29	4	.	0	.	0
NP-12	2001-07-03	4	.	1	.	0
NP-13	2001-10-03	4	.	2	.	0
NP-14	2002-01-04	4	.	3	.	0
NP-15	2002-03-19	4	.	4	.	0
NP-16	2002-06-17	4	.	5	.	0
NP-17	2002-09-17	4	.	6	.	0
NP-18	2002-12-18	4	.	7	.	0
NP-19	2003-03-25	4	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

WG (prime / other): R3 / -

rporteur: VESELY, Alexander  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

G: U: yes

freeze\_meeting: SP-11

remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
RP-13	2001-10-12	4 . 1 . 0	<a href="#">get it</a>
RP-16	2002-06-28	4 . 2 . 0	<a href="#">get it</a>
RP-18	2003-01-03	4 . 3 . 0	<a href="#">get it</a>
RP-19	2003-03-26	4 . 4 . 0	<a href="#">get it</a>

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## TS 29.119 GPRS Tunneling Protocol (GTP) specification for Gateway Location Register (GLR)

WG (prime / other): N4 / -

rporteur: AIKAWA, Shinichiro  
MCC: KYMALAINEN, Kimmo  
Fujitsu Limited

G: U: yes

freeze\_meeting: SP-11

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4 . 0 . 0	<a href="#">get it</a>
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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

WG (prime / other): N4 / -

rporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo  
NTT COMMWARE Corporation

G: U: yes

freeze\_meeting: SP-11

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-09	2000-10-25	4 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

WG (prime / other): N5 /

G: U: yes

ALCATEL S.A.

rappporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>	
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>	
NP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>	
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>	
edito	2002-03-20	4	.	3	.	1	<a href="#">get it</a>	
edito (references	2003-03-31	4	.	3	.	2	<a href="#">get it</a>	
etc)								
edito	2003-06-18	4	.	3	.	3	<a href="#">get it</a>	
							Introduction - update of table explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond; References	
edito	2004-01-14	4	.	3	.	4	<a href="#">get it</a>	
							Introduction - update of tables explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond	
edito	2004-06-21	4	.	3	.	5	<a href="#">get it</a>	
edito post	SP-25	2004-09-23	4	.	3	.	6	<a href="#">get it</a>
edito post	NP-26	2005-01-04	4	.	3	.	7	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions

WG (prime / other): N5 /

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

freeze\_meeting: NP-11

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0	.	0
NP-13	2001-10-08	4	.	2	.	0	.	0
NP-14	2002-01-08	4	.	3	.	0	.	0
NP-15	2002-03-20	4	.	4	.	0	.	0
NP-19	2003-03-31	4	.	5	.	0	.	0
NP-20	2003-06-18	4	.	6	.	0	.	0
NP-22	2004-01-14	4	.	7	.	0	.	0

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## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

WG (prime / other): N5 /

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

freeze\_meeting: NP-11

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0	.	0
NP-13	2001-10-08	4	.	2	.	0	.	0
NP-14	2002-01-08	4	.	3	.	0	.	0
NP-15	2002-03-20	4	.	4	.	0	.	0
NP-16	2002-07-05	4	.	5	.	0	.	0
NP-17	2002-10-01	4	.	6	.	0	.	0
NP-19	2003-03-31	4	.	7	.	0	.	0
NP-20	2003-06-18	4	.	8	.	0	.	0
NP-24	2004-06-21	4	.	9	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control Service Capability Feature (SCF)

Rel-4 current version: 4.11.0 / rapporteur: ABARCA, Chelo  
freeze\_meeting: SP-11 / MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:  
G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11		1	.	0	.	0			<a href="#">get it</a>
edito	2001-03-27	1	.	0	.	1			
NP-12		2	.	0	.	0			
NP-12	2001-06-29	4	.	0	.	0			<a href="#">get it</a>
NP-13	2001-10-12	4	.	1	.	0			<a href="#">get it</a>
NP-14	2002-01-08	4	.	2	.	0			<a href="#">get it</a>
NP-15	2002-03-20	4	.	3	.	0			<a href="#">get it</a>
NP-16	2002-07-05	4	.	4	.	0			<a href="#">get it</a>
NP-17	2002-10-01	4	.	5	.	0			<a href="#">get it</a>
NP-19	2003-03-31	4	.	6	.	0			<a href="#">get it</a>
NP-20	2003-06-18	4	.	7	.	0			<a href="#">get it</a>
NP-22	2004-01-14	4	.	8	.	0			<a href="#">get it</a>
NP-24	2004-06-21	4	.	9	.	0			<a href="#">get it</a>
NP-25	2004-09-23	4	.	10	.	0			<a href="#">get it</a>
NP-26	2005-01-04	4	.	11	.	0			<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: User Interaction Service Capability Feature (SCF)

Rel-4  
current version: 4.10.0  
freeze\_meeting: NP-11

ALCATEL S.A.

WG (prime / other): N5 /  
G: U: yes  
rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
NP-13	2001-10-08	4	.	2	.	0
NP-14	2002-01-08	4	.	3	.	0
NP-15	2002-03-20	4	.	4	.	0
NP-17	2002-10-01	4	.	5	.	0
NP-19	2003-03-31	4	.	6	.	0
NP-20	2003-06-18	4	.	7	.	0
NP-22	2004-01-14	4	.	8	.	0
NP-24	2004-06-21	4	.	9	.	0
NP-26	2005-01-04	4	.	10	.	0

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## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)

Rel-4  
current version: 4.5.0  
freeze\_meeting: NP-11

ALCATEL S.A.

WG (prime / other): N5 /  
G: U: yes  
rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
IDL file corrected	2001-07-12	4	.	1	.	1
NP-13	2001-10-08	4	.	2	.	0
edito	2001-10-12	4	.	2	.	1
NP-14	2002-01-08	4	.	3	.	0
NP-15	2002-03-20	4	.	4	.	0
NP-19	2003-03-31	4	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)

Rel-4 current version: 4.5.0 rapporteur: ABARCA, Chelo

freeze\_meeting: NP-11

G: U: yes

MCC:

ALCATEL S.A.

ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
NP-13	2001-10-08	4	.	2	.	0
NP-14	2002-01-08	4	.	3	.	0
NP-15	2002-03-20	4	.	4	.	0
NP-19	2003-03-31	4	.	5	.	0

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## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)

Rel-4 current version: 4.8.0 rapporteur: ABARCA, Chelo

freeze\_meeting: NP-11

G: U: yes

MCC:

ALCATEL S.A.

ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-27	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
NP-13	2001-10-08	4	.	2	.	0
NP-14	2002-01-08	4	.	3	.	0
NP-15	2002-03-20	4	.	4	.	0
NP-17	2002-10-01	4	.	5	.	0
NP-19	2003-03-31	4	.	6	.	0
NP-20	2003-06-18	4	.	7	.	0
NP-24	2004-06-21	4	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)

Rel-4 current version: 4.5.0 rapporteur: ABARCA, Chelo ALCATEL S.A.

freeze\_meeting: SP-11 MCC: ZOICAS, Adrian

remarks - general:

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	1	0	0	
edito	2001-03-27	1	0	1
NP-12	2001-06-29	4	0	0
NP-13	2001-10-08	4	1	0
NP-14	2002-01-08	4	2	0
NP-15	2002-03-20	4	3	0
NP-19	2003-03-31	4	4	0
NP-24	2004-06-21	4	5	0

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## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)

Rel-4 current version: 4.5.0 rapporteur: ABARCA, Chelo ALCATEL S.A.

freeze\_meeting: SP-11 MCC: ZOICAS, Adrian

remarks - general:

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	1	0	0	
edito	2001-03-27	1	0	1
NP-12	2001-06-29	2	0	0
NP-13	2001-10-08	4	0	0
NP-14	2002-01-08	4	1	0
NP-15	2002-03-20	4	2	0
NP-19	2003-03-31	4	3	0
NP-22	2004-01-14	4	4	0
		4	5	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

WG (prime / other): N4 /  
G: U: yes

rapporteur: ANGELO, Ciriaco  
MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-02	4	.	0	.	0
edito	2001-05-09	4	.	0	.	1
NP-13	2001-10-03	4	.	1	.	0
correct references	2002-06-25	4	.	1	.	1
NP-17	2002-09-18	4	.	2	.	0
NP-18	2003-01-07	4	.	3	.	0

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## TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3

WG (prime / other): N4 /  
G: U: yes

rapporteur: HEIDERMARK, Alf  
MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-30	4	.	0	.	0
NP-12	2001-07-04	4	.	1	.	0
NP-13	2001-10-03	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-4  
current version: 4.10.0  
freeze\_meeting: SP-11

VODAFONE LTD

rapporteur: PARK, Ian David  
Chalmers  
KYMALAINEN, Kimmo

N4 / -

remarks - this release:

G: U: yes

remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT

### history (event, available, version, comments, hyperlink):

NP-10	2001-01-12	1	. 0 . 0	NP-000652	<a href="#">get it</a>
NP-11	2001-03-30	4	. 0 . 0		<a href="#">get it</a>
NP-12	2001-07-04	4	. 1 . 0		<a href="#">get it</a>
NP-13	2001-10-05	4	. 2 . 0		<a href="#">get it</a>
NP-14	2002-01-11	4	. 3 . 0		<a href="#">get it</a>
NP-15	2002-03-28	4	. 4 . 0		<a href="#">get it</a>
NP-16	2002-06-21	4	. 5 . 0		<a href="#">get it</a>
NP-17	2002-09-18	4	. 6 . 0		<a href="#">get it</a>
NP-18	2003-01-07	4	. 7 . 0		<a href="#">get it</a>
NP-20	2003-06-27	4	. 8 . 0		<a href="#">get it</a>
NP-25	2004-09-30	4	. 9 . 0		<a href="#">get it</a>
NP-26	2004-12-23	4	. 10 . 0		<a href="#">get it</a>

## TS 29.414 Core network Nb data transport and transport signalling

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-11

SIEMENS AG

rapporteur: BELLING, Thomas  
HAN, Seung Don

N3 / -

remarks - this release:

G: U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-06	4	. 0 . 0		<a href="#">get it</a>
NP-12	2001-06-28	4	. 1 . 0		<a href="#">get it</a>
NP-13	2001-10-03	4	. 2 . 0		<a href="#">get it</a>
NP-14	2002-01-11	4	. 3 . 0		<a href="#">get it</a>
NP-15	2002-03-20	4	. 4 . 0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.415 Core network Nb interface user plane protocols

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N3 / -  
G: U: yes  
rapporteur: BELLING, Thomas  
MCC: HAN, Seung Don  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0  
NP-13 2001-10-03 4 . 1 . 0  
NP-14 2002-01-11 4 . 2 . 0  
NP-19 2003-03-27 4 . 3 . 0

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## TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / RP  
G: yes U: yes  
rapporteur: ANDERSEN, Niels Peter  
MCC: JURISIC, Andrijana  
Skov  
QUALCOMM EUROPE S.A.R.L.

remarks - this release:

2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version.

history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 4 . 0 . 0  
edito post NP-18 2002-12-16 4 . 0 . 1 minor editorials to change style from TR. to get it

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## TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N5 /  
G: U: yes  
rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-02 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.998-04-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping

Rel-4  
current version: 4.2.0  
freeze\_meeting: NP-11  
WG (prime / other): N5 /  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-02 4 . 0 . 0 [get it](#)  
NP-12 2001-06-29 4 . 1 . 0 [get it](#)  
NP-13 2001-10-05 4 . 2 . 0 [get it](#)

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## TR 29.998-05-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping

Rel-4  
current version: 4.0.0  
freeze\_meeting: NP-11  
WG (prime / other): N5 /  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-04-02 4 . 0 . 0 [get it](#)

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## TR 29.998-05-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping

Rel-4  
current version: 4.0.0  
freeze\_meeting: NP-12  
WG (prime / other): N5 /  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-11 2001-03-26 1 . 0 . 0 [get it](#)  
edito 2001-04-02 1 . 0 . 1 [get it](#)  
NP-12 2 . 0 . 0 [get it](#)  
NP-12 2001-06-29 4 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP

Rel-4  
WG (prime / other): N5 /  
G: U: yes  
freeze\_meeting: NP-11  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-02 4 . 0 . 0

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## TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP

Rel-4  
WG (prime / other): N5 /  
G: U: yes  
freeze\_meeting: NP-11  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-02 4 . 0 . 0

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## Rel-4 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+  
Rel-4  
WG (prime / other): N4 / -  
G: yes U: yes  
freeze\_meeting: NP-19  
rapporporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

remarks - general: NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series.

Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):

NP-19 2003-04-07 4 . 0 . 2 Technically identical to 30.002 v4.0.1.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

Rel-4 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

**TS 31.048** Security mechanisms for the (U)SIM application toolkit; Test specification  
Rel-4 current version: none  
freeze\_meeting: TP-21  
remarks - general: Test spec for 23.048.  
WG (prime / other): T3 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.  
G: yes U: yes MCC: THOMASEN, Gert  
remarks - this release: TP-24; target for approval = TP-25.

history (event, available, version, comments, hyperlink):

**TS 31.101** UICC-terminal interface; Physical and logical characteristics

Rel-4 current version: 4.2.1  
freeze\_meeting: SP-11  
remarks - general: Contents is a reference to ETSI TR 102 221.

WG (prime / other): T3 / SCP rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
G: U: yes MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11	2001-04-09	4	.	0	.	0	
TP-18	2003-01-02	4	.	1	.	0	
TP-26	2005-01-03	4	.	2	.	0	
edito post	TP-26	2005-01-06	4	.	2	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.102 Characteristics of the USIM application

Rel-4  
current version: 4.14.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T3 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

G: U: yes MCC: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11	2001-04-09	4	0	0	
TP-12	2001-07-23	4	1	0	
TP-13	2001-10-11	4	2	0	
TP-14	2002-01-17	4	3	0	
TP-15	2002-03-28	4	4	0	
TP-16	2002-06-28	4	5	0	
TP-17	2002-09-25	4	6	0	
TP-18	2003-01-02	4	7	0	
TP-19	2003-04-01	4	8	0	
TP-20	2003-06-23	4	9	0	
TP-21	2003-09-30	4	10	0	
TP-22	2004-01-12	4	11	0	
TP-23	2004-03-25	4	12	0	
TP-24	2004-06-15	4	13	0	
TP-26	2005-01-06	4	14	0	

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## TS 31.110 Numbering system for telecommunication IC card applications

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

Sanders April 2001: Will be scrapped in favour of an ETSI SCP document.  
May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian Axalto S.A.  
G: U: yes MCC: THOMASEN, Gert

remarks - this release: TP-26: T3 indicates it needs further studies on this document.

history (event, available, version, comments, hyperlink):

TP-11	2001-05-16	4	0	0	late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only
TP-14	2002-01-16	4	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-4  
WG (prime / other): T3 / -  
current version: 4.13.0  
freeze\_meeting: SP-11  
G: yes U: yes  
rapporteur: DUBOIS, Christophe  
MCC: THOMASEN, Gert  
Axalto S.A.

remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14. remarks - this release:

### history (event, available, version, comments, hyperlink):

TP-09	2000-10-18	4	.	0	.	0	<a href="#">get it</a>
TP-10	2001-01-05	4	.	1	.	0	<a href="#">get it</a>
TP-11	2001-04-09	4	.	2	.	0	<a href="#">get it</a>
edito	2001-04-10	4	.	2	.	1	<a href="#">get it</a>
TP-12	2001-07-06	4	.	3	.	0	<a href="#">get it</a>
TP-13	2001-10-12	4	.	4	.	0	<a href="#">get it</a>
TP-14	2002-01-16	4	.	5	.	0	<a href="#">get it</a>
TP-15	2002-03-28	4	.	6	.	0	<a href="#">get it</a>
TP-16	2002-06-28	4	.	7	.	0	<a href="#">get it</a>
TP-17	2002-09-18	4	.	8	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	9	.	0	<a href="#">get it</a>
TP-19	2003-04-04	4	.	10	.	0	<a href="#">get it</a>
TP-21	2003-09-29	4	.	11	.	0	<a href="#">get it</a>
TP-25	2004-09-28	4	.	12	.	0	<a href="#">get it</a>
TP-26	2005-01-03	4	.	13	.	0	<a href="#">get it</a>

## TS 31.120

### Rel-4 UICC-terminal interface; Physical, electrical and logical test specification

WG (prime / other): T3 / -  
current version: 4.0.0  
G: U: yes  
freeze\_meeting: SP-11  
rapporteur: MAESER, Torsten  
MCC: THOMASEN, Gert  
Orga Test Systems Gmbh

remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI- remarks - this release: Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.

### history (event, available, version, comments, hyperlink):

TP-26	2005-01-06	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.121

Rel-4

### UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

WG (prime / other): T3 / -

freeze\_meeting: SP-12

rapporteur: WILLEBRINK, Udo

MCC: THOMASEN, Gert

Orga Test Systems Gmbh

U: yes

remarks - general: based on R99 core spec; split into 2 parts (this is 2)

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12	2001-07-06	4	.	0	.	0	.	0
TP-16	2002-06-19	4	.	1	.	0	.	0
TP-17	2002-09-18	4	.	2	.	0	.	0
TP-18	2003-01-02	4	.	3	.	0	.	0
TP-19	2003-03-26	4	.	4	.	0	.	0
TP-20	2003-06-23	4	.	5	.	0	.	0
TP-21	2003-09-29	4	.	6	.	0	.	0
TP-23	2004-03-26	4	.	7	.	0	.	0
TP-24	2004-06-15	4	.	8	.	0	.	0
TP-25	2004-10-08	4	.	9	.	0	.	0
TP-26	2005-01-06	4	.	10	.	0	.	0

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## TS 31.122

Rel-4

### Universal Subscriber Identity Module (USIM) conformance test specification

WG (prime / other): T3 / -

freeze\_meeting: TP-26

ASPECTS Software Ltd

KNIGHT, Simon

THOMASEN, Gert

rapporteur:

MCC:

U: yes

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two parts

remarks - this release: 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.

history (event, available, version, comments, hyperlink):

TP-26	2005-01-06	4	.	0	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 31 *.- series*  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.124 Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

Rel-4 WG (prime / other): T3 / -

rapporteur: LAFFONT, Eric

MCC: THOMASEN, Gert

GEMPLUS S.A.

freeze\_meeting: none  
U: yes  
remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.

remarks - this release: Pointer to latest Release.

history (event, available, version, comments, hyperlink):

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## Rel-4 32 *.- series* Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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### TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 WG (prime / other): S5 / -

rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

freeze\_meeting: SP-11

U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11	2001-03-28	4	.	0	.	0
edito	2001-04-11	4	.	0	.	1
SP-12	2001-07-03	4	.	1	.	0
SP-13	2001-10-05	4	.	2	.	0
edito	2002-03-26	4	.	2	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.102 Telecommunication management; Architecture

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S5 / - rapporteur: BERGGREN, Tommy TeliSonera AB

G: U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-03-28	4	.	0	.	0
SP-12	2001-07-03	4	.	1	.	0
SP-13	2001-10-05	4	.	2	.	0
SP-19	2003-03-31	4	.	3	.	0
SP-21	2003-10-03	4	.	4	.	0
SP-23	2004-03-23	4	.	5	.	0

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-4 current version: 4.0.1

freeze\_meeting: SP-12

remarks - general: TSG#8: split into 4 parts

WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg MOTOROLA AIS

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-07-03	4	.	0	.	0
edito (layout and references)	2003-01-07	4	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-4 WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg

freeze\_meeting: SP-12

G: yes U: yes

MOTOROLA A/S

MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into 4 parts

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-07-04	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-14	2002-01-11	4	.	2	.	0
SP-15	2002-03-26	4	.	3	.	0
SP-17	2002-09-18	4	.	4	.	0
SP-18	2003-01-09	4	.	5	.	0
SP-19	2003-03-31	4	.	6	.	0
SP-24	2004-06-15	4	.	7	.	0

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## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-4 WG (prime / other): S5 / - rapporteur: TSE, Edwin

freeze\_meeting: SP-12

G: yes U: yes

Ericsson Incorporated

MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into 4 parts

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-07-04	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-15	2002-03-26	4	.	2	.	0
SP-16	2002-06-20	4	.	3	.	0
SP-17	2002-09-20	4	.	4	.	0
SP-18	2003-01-09	4	.	5	.	0
SP-19	2003-04-01	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-4 WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

freeze\_meeting: SP-12

G: yes U: yes

remarks - general: TSG#8: split into 4 parts

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-13	2001-10-05	4	.	0	.	0
SP-14	2002-01-11	4	.	1	.	0
SP-15	2002-03-26	4	.	2	.	0
SP-16	2002-06-20	4	.	3	.	0
SP-18	2003-01-09	4	.	4	.	0
SP-19	2003-04-01	4	.	5	.	0
SP-21	2003-10-02	4	.	6	.	0

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## TS 32.200

Rel-4 Telecommunication management; Charging management; Charging principles

current version: 4.5.0

freeze\_meeting: SP-14

G: yes U: yes

remarks - this release:

WG (prime / other): S5 / rapporteur: GOERMER, Gerald SIEMENS AG  
MCC: ZOICAS, Adrian

remarks - this release: Had been indicated as approved at SP-12, but this was erroneous.

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-18	1	.	0	.	1
SP-13	2001-10-01	2	.	0	.	0
SP-13	2001-10-05	4	.	0	.	0
SP-15	2002-03-26	4	.	1	.	0
SP-16	2002-06-20	4	.	2	.	0
SP-18	2003-01-06	4	.	3	.	0
SP-19	2003-04-02	4	.	4	.	0
SP-21	2003-10-02	4	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 current version: 4.7.0 rapporteur: ALEXANDER, Benni NOKIA Corporation

freeze\_meeting: SP-11

G: U: yes MCC: ZOICAS, Adrian

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-11	2001-03-29	1	0	0	
SP-12	2001-06-18	1	1	1	SP-010236
SP-13	2001-09-26	2	0	0	SP-010464
SP-13	2001-10-09	4	0	0	
SP-15	2002-03-26	4	1	0	
edito post	SP-15	2002-03-27	4	1	1
SP-16	2002-06-20	4	2	0	
SP-18	2003-01-09	4	3	0	
SP-19	2003-04-02	4	4	0	
SP-21	2003-10-02	4	5	0	
SP-22	2004-01-05	4	6	0	
SP-23	2004-03-24	4	7	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.215** **Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain**  
Rel-4  
current version: 4.8.0  
freeze\_meeting: SP-11  
rapporteur: ALEXANDER, Benni  
MCC: ZOICAS, Adrian  
NOKIA Corporation

remarks - general:  
G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 1 . 0 . 1 SP-010236  
SP-13 2001-10-01 2 . 0 . 0 SP-010464  
SP-13 2001-10-09 4 . 0 . 0  
SP-14 2002-01-11 4 . 1 . 0  
SP-15 2002-03-26 4 . 2 . 0  
edito post SP-15 2002-03-27 4 . 2 . 1  
SP-16 2002-06-20 4 . 3 . 0  
SP-18 2003-01-09 4 . 4 . 0  
SP-21 2003-10-02 4 . 5 . 0  
SP-22 2004-01-05 4 . 6 . 0  
SP-23 2004-03-24 4 . 7 . 0  
SP-24 2004-06-17 4 . 8 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.235

Rel-4

**Telecommunication management; Charging management; Charging data description for application services**

current version: 4.6.0

freeze\_meeting: SP-11

WG (prime / other): S5 /

G: U: yes

rapporporteur: GOERMER, Gerad

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-18	1	.	0	.	1	SP-010236
SP-13	2001-10-01	2	.	0	.	0	SP-010464
SP-13	2001-10-08	4	.	0	.	0	
SP-15	2002-03-26	4	.	1	.	0	
SP-16	2002-06-20	4	.	2	.	0	
SP-17	2002-09-18	4	.	3	.	0	
SP-18	2003-01-07	4	.	4	.	0	
SP-19	2003-04-02	4	.	5	.	0	
SP-20	2003-06-09	4	.	6	.	0	

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## TS 32.300

Rel-4

**Telecommunication management; Configuration Management (CM); Name convention for Managed Objects**

current version: 4.1.1

freeze\_meeting: SP-12

WG (prime / other): S5 / -

G: yes U: yes

rapporporteur: TOVINGER, Thomas

MCC: ZOICAS, Adrian

Telefon AB LM Ericsson

remarks - general: Replaces 32.106-8 (pars)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-18	2	.	0	.	0	SP-010283
SP-12	2001-07-03	4	.	0	.	0	
SP-14	2002-01-11	4	.	1	.	0	
edito post	SP-18	2003-01-13	4	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.301

Rel-4

**Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements**

MOTOROLA A/S

WG (prime / other): S5 / -

rappporteur: SCHMIDT, Joerg

freeze\_meeting: SP-12

G: yes U: yes

remarks - general: was 32.301-1

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-21 2 . 0 . 0

SP-12 2001-07-03 4 . 0 . 0

edito 2002-03-26 4 . 0 . 1

edito post SP-18 2003-01-13 4 . 0 . 2

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## TS 32.302

Rel-4

**Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**

Ericsson Incorporated

WG (prime / other): S5 / -

rappporteur: TSE, Edwin

freeze\_meeting: SP-12

G: yes U: yes

remarks - general: was 32.301-2

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-21 2 . 0 . 0

SP-12 2001-07-04 4 . 0 . 0

SP-14 2002-01-11 4 . 1 . 0

edito post SP-18 2003-01-13 4 . 1 . 1

SP-20 2003-06-27 4 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.303** Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution  
Rel-4 current version: Set (SS) S5 / -  
SIEMENS AG

WG (prime / other):  
reporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-12  
remarks - general: was 32.301-3

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-15	2002-03-26	4	.	2	.	0
SP-17	2002-09-19	4	.	3	.	0
edito post SP-17	2002-10-01	4	.	3	.	1
edito post SP-18	2003-01-13	4	.	3	.	2
SP-19	2003-03-31	4	.	4	.	0
SP-21	2003-10-01	4	.	5	.	0

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**TS 32.304** Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set  
Rel-4 current version: 4.2.1  
SIEMENS AG

WG (prime / other): S5 / -  
reporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

freeze\_meeting: SP-12  
remarks - general: was 32.301-4

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-04	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-15	2002-03-26	4	.	2	.	0
edito post SP-18	2003-01-13	4	.	2	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

WG (prime / other): S5 / rapporteur: TSE, Edwin  
Ericsson Incorporated

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

freeze\_meeting: SP-12  
was 32.112-1

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0	
SP-12	2001-07-03	4	.	0	.	0	
edito	2001-07-12	4	.	0	.	1	
edito post	SP-18	2003-01-13	4	.	0	.	2
SP-22	2004-01-05	4	.	1	.	0	

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## TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)

WG (prime / other): S5 / rapporteur: TSE, Edwin  
Ericsson Incorporated

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

freeze\_meeting: SP-12  
was 32.112-2

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0	
SP-12	2001-07-03	4	.	0	.	0	
edito post	SP-18	2003-01-13	4	.	0	.	1
SP-22	2004-01-05	4	.	1	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements

Rel-4 WG (prime / other): S5 / -

freeze\_meeting: SP-13

remarks - general: was 32.104 (pars)

Telefon AB LM Ericsson

rappporteur: HÜBINETTE, Ulf

MCC: ZOICAS, Adrian

G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-20	1	.	0	.	0	
edito	2001-06-27	1	.	0	.	1	
SP-13	2001-10-11	2	.	0	.	0	SP-010467
SP-13	2001-10-05	4	.	0	.	0	
SP-14	2002-01-11	4	.	1	.	0	
SP-17	2002-09-18	4	.	2	.	0	
SP-20	2003-06-27	4	.	3	.	0	
SP-24	2004-06-15	4	.	4	.	0	
SP-25	2004-09-28	4	.	5	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.403

Rel-4

**Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM**

current version: 4.9.0

freeze\_meeting: SP-12

NORTEL NETWORKS (EUROPE)

rappporteur: TOCHE, Christian

MCC:

G: yes U: yes

remarks - general: was 32.104 (pars)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-20	1	.	0	.	2	
SP-12	2001-07-04	4	.	0	.	0	
SP-13	2001-10-05	4	.	1	.	0	
SP-15	2002-03-26	4	.	2	.	0	
editorial	clean up	2002-06-20	4	.	2	.	1
SP-19	2003-03-31	4	.	3	.	0	
SP-20	2003-06-27	4	.	4	.	0	
SP-21	2003-10-15	4	.	5	.	0	
SP-23	2004-03-24	4	.	6	.	0	
SP-24	2004-06-17	4	.	7	.	0	
SP-25	2004-09-28	4	.	8	.	0	
SP-26	2005-01-04	4	.	9	.	0	

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## TS 32.600

Rel-4

**Telecommunication management; Configuration Management (CM); Concept and high-level requirements**

current version: 4.0.0

freeze\_meeting: SP-12

Telefon AB LM Ericsson

TOVINGER, Thomas

MCC:

G: yes U: yes

remarks - general: Replaces 32.106 (pars).

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-18	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.601 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements

Rel-4 MOTOROLA Ltd

WG (prime / other): S5 / -  
rappporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian

freeze\_meeting: SP-12  
remarks - general: was 32.601-1

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-21 2 . 0 . 0  
SP-12 2001-07-03 4 . 0 . 0

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## TS 32.602 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (IS)

Rel-4 Telefon AB LM Ericsson

WG (prime / other): S5 / -  
rappporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian

freeze\_meeting: SP-12  
remarks - general: was 32.601-2

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-21 2 . 0 . 0  
SP-12 2001-07-03 4 . 0 . 0  
SP-13 2001-10-05 4 . 1 . 0  
SP-22 2004-01-13 4 . 2 . 0  
SP-23 2004-03-23 4 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution

WG (prime / other): S5 / - rapporteur: TSE, Edwin Ericsson Incorporated

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

remarks - general: was 32.601-3

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-15	2002-03-27	4	.	2	.	0
SP-16	2002-06-20	4	.	3	.	0
post SP-16	2002-07-04	4	.	3	.	1

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## TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set

WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

G: yes U: yes MCC: ZOICAS, Adrian

remarks - this release:

remarks - general: was 32.601-4

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-14	2002-01-11	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.611** **Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**  
Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-12  
T-MOBILE DEUTSCHLAND  
rapporporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian

remarks - general: was 32.602-1  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

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**TS 32.612** **Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)**  
Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-12  
MOTOROLA Ltd  
rapporporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian

remarks - general: was 32.602-2  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-04	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-16	2002-06-21	4	.	2	.	0
SP-17	2002-09-27	4	.	3	.	0
SP-18	2003-01-07	4	.	4	.	0
SP-22	2004-01-13	4	.	5	.	0
SP-23	2004-03-24	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution

Rel-4 *current version:* 4.4.0 *rapporteur:* PIRT, Trevor

*freeze\_meeting:* SP-12

*remarks - general:* was 32.602-3

*WG (prime / other):* S5 /

*G:* yes *U:* yes

*remarks - this release:*

MOTOROLA Ltd

ZOICAS, Adrian

### *history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	0	0	
SP-12	2001-07-04	4	0	0	
SP-14	2002-01-11	4	1	0	
SP-16	2002-06-21	4	2	0	
SP-17	2002-09-27	4	3	0	
SP-18	2003-01-07	4	4	0	

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## TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set

Rel-4 *current version:* 4.3.0

*freeze\_meeting:* SP-12

*remarks - general:* was 32.602-4

*WG (prime / other):* S5 /

*G:* yes *U:* yes

*remarks - this release:*

POLLAKOWSKI, Olaf

ZOICAS, Adrian

SIEMENS AG

### *history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	0	0	
SP-12	2001-07-03	4	0	0	
SP-13	2001-10-05	4	1	0	
SP-16	2002-06-21	4	2	0	
SP-18	2003-01-07	4	3	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

WG (prime / other): S5 /

G: yes U: yes

rapporteur: TOCHE, Christian

MCC: ZOICAS, Adrian

remarks - this release:

freeze\_meeting: SP-12

was 32.602-5

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-14	2002-01-11	4	.	1	.	0
SP-15	2002-03-27	4	.	2	.	0
SP-20	2003-06-27	4	.	3	.	0
SP-20	2003-10-17	4	.	3	.	1

Adds XML file with 2003-10-17 XML in separate file, added 2003-07-03

reference from  
document

SP-22	2004-01-13	4	.	4	.	0
SP-24	2004-06-17	4	.	5	.	0

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## TS 32.621

Rel-4

## Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements

WG (prime / other): S5 / -

G: yes U: yes

rapporteur: PIRT, Trevor

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 current version: 4.4.0  
freeze\_meeting: SP-12  
rapporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - general: was 32.620-2

G: yes U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-15	2002-03-27	4	.	2	.	0
SP-16	2002-06-28	4	.	3	.	0
SP-20	2003-06-27	4	.	4	.	0

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## TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-4 current version: 4.3.0  
WG (prime / other): S5 / -  
rapporteur: PIRT, Trevor

MOTOROLA Ltd

freeze\_meeting: SP-12  
remarks - general: was 32.620-3

G: yes U: yes

remarks - this release:

MCC: ZOICAS, Adrian

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-14	2002-01-11	4	.	2	.	0
SP-19	2003-03-31	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-4 32 .- series

**TS 32.624** Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP); Common Management Information Protocol  
Rel-4 current version: (CMIP) Solution Set (SS) 4.6.0 WG (prime / other): S5 /- ZOICAS, Adrian  
SIEMENS AG rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-12  
remarks - general: was 32.620-4

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-04	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-14	2002-01-11	4	.	2	.	0
SP-15	2002-03-27	4	.	3	.	0
SP-16	2002-06-28	4	.	4	.	0
SP-21	2003-10-02	4	.	5	.	0
SP-24	2004-06-15	4	.	6	.	0

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**TS 32.631**

Rel-4 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements  
current version: 4.0.0 PIRT, Trevor MOTOROLA Ltd

freeze\_meeting: SP-12  
remarks - general: was 32.621-1

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

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# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.632

Rel-4

**Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**

current version: 4.4.0

freeze\_meeting: SP-12

remarks - general: was 32.621-2

WG (prime / other): S5 / -

rapporporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	0	0	0
SP-12	2001-07-03	4	0	0	0
SP-14	2002-01-11	4	1	0	0
SP-16	2002-06-28	4	2	0	0
SP-19	2003-04-01	4	3	0	0
SP-21	2003-10-15	4	4	0	0

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## TS 32.633

Rel-4

**Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

4.1.0

WG (prime / other): S5

rapporporteur: PAL, Tapinder

/-

PAL, Tapinder

freeze\_meeting: SP-12

remarks - general: was 32.621-3

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	0	0	0
SP-12	2001-07-03	4	0	0	0
SP-16	2002-06-28	4	1	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.634** Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Common Management Information Protocol  
Rel-4 current version: (CMIP) Solution Set (SS) 4.1.1 S5 /-  
SIEMENS AG rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-12  
remarks - general: was 32.621-4

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
edito after SP-17	2002-09-18	4	.	1	.	1

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**TS 32.641** Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements  
Rel-4 current version: 4.0.0 PIRT, Trevor  
freeze\_meeting: SP-12 rapporteur: ZOICAS, Adrian  
remarks - general: was 32.622-1 MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 current version: 4.4.0 rapporteur: PETERSEN, Robert Ericsson AB  
freeze\_meeting: SP-12 MCC: ZOICAS, Adrian

remarks - general: was 32.622-2  
U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-16	2002-06-28	4	.	1	.	0
SP-17	2002-09-27	4	.	2	.	0
SP-20	2003-06-26	4	.	3	.	0
SP-22	2004-01-13	4	.	4	.	0

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## TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture

Rel-4 current version: (CORBA) Solution Set (SS) 4.3.0 WG (prime / other): S5 /- rapporteur: PIRT, Trevor  
MOTOROLA Ltd

freeze\_meeting: SP-12

remarks - general: was 32.622-3

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-14	2002-01-11	4	.	1	.	0
SP-20	2003-06-27	4	.	2	.	0
SP-22	2004-01-13	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) ACTIVE specs Rel-4 32 .- series

## TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol

Rel-4 current version: (CMIP) Solution Set (SS) 4.3.0 WG (prime / other): S5 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-12  
remarks - general: was 32.622-4

G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0	
SP-12	2001-07-03	4	.	0	.	0	
SP-13	2001-10-05	4	.	1	.	0	
edito post	SP-17	2002-09-18	4	.	1	.	1
SP-20	2003-06-26	4	.	2	.	0	
SP-22	2004-01-13	4	.	3	.	0	

## TS 32.651

Rel-4 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements  
current version: 4.0.0 rapporteur: PIRT, Trevor MOTOROLA Ltd

freeze\_meeting: SP-12  
remarks - general: was 32.623-1

G: yes U: MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 current version: 4.5.0  
freeze\_meeting: SP-12  
Ericsson AB  
PETERSEN, Robert  
ZOICAS, Adrian

remarks - general: was 32.623-2

WG (prime / other): S5 / -  
rappporteur: PETERSEN, Robert  
MCC: ZOICAS, Adrian

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-14	2002-01-11	4	.	2	.	0
SP-16	2002-06-28	4	.	3	.	0
SP-17	2002-09-27	4	.	4	.	0
SP-20	2003-06-26	4	.	5	.	0

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## TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture

Rel-4 current version: (CORBA) Solution Set (SS) 4.2.0  
MOTOROLA Ltd  
WG (prime / other): S5 / -  
rappporteur: PIRT, Trevor

freeze\_meeting: SP-12  
remarks - general: was 32.623-3

G: yes U:  
MCC: ZOICAS, Adrian  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-04	4	.	0	.	0
SP-14	2002-01-11	4	.	1	.	0
SP-20	2003-06-27	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.654** Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol  
Rel-4 current version: (CMIP) Solution Set (SS) 4.2.0 WG (prime / other): S5 /-  
SIEMENS AG rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-12  
remarks - general: was 32.623-4

G: yes U: ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0
SP-13	2001-10-05	4	.	1	.	0
SP-20	2003-06-27	4	.	2	.	0

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[get it](#)

**TR 32.800** Telecommunication management; Management level procedures and interaction with UTRAN

Rel-4 current version: 4.0.0 WG (prime / other): S5 / rapporteur: BODEN, Bert  
freeze\_meeting: SP-12 G: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release:

Vodafone D2 GmbH

history (event, available, version, comments, hyperlink):

draft	2000-10-31	0	.	0	.	1
draft	2001-01-17	0	.	0	.	3
SP-12	2001-06-18	1	.	0	.	0
SP-12	2001-07-03	4	.	0	.	0

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Rel-4 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.102 3G security; Security architecture

Rel-4  
current version: 4.5.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rapporteur: BLOMMAERT, Marc  
MCC: POPE, Maurice

Siemens nv/sa

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-03-30	4	.	0	.	0
SP-12	2001-07-04	4	.	1	.	0
SP-13	2001-10-03	4	.	2	.	0
SP-14	2002-01-07	4	.	3	.	0
SP-16	2002-06-19	4	.	4	.	0
SP-18	2002-12-18	4	.	5	.	0

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## TS 33.103 3G security; Integration guidelines

Rel-4  
current version: 4.2.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rapporteur: BLANCHARD, Colin  
MCC: POPE, Maurice

BT Group Plc

remarks - this release: SP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

SP-11	2001-04-11	4	.	0	.	0
SP-12	2001-07-04	4	.	1	.	0
SP-13	2001-10-03	4	.	2	.	0

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ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.105 Cryptographic algorithm requirements

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / - rapporteur: CHIKAZAWA, Takeshi Mitsubishi Electric Corporation

G: U: yes MCC: POPE, Maurice

remarks - this release: SP-15: Not to be promoted to Rel-5. SP-24: Decision reversed, promoted to Rel-5 and -6.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-11 4 . 0 . 0

SP-12 2001-07-04 4 . 1 . 0

SP-24 2004-06-15 4 . 2 . 0

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## TS 33.106 Lawful interception requirements

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / - rapporteur: WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-04 4 . 0 . 0

[get it](#)

## TS 33.107 3G security; Lawful interception architecture and functions

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / - rapporteur: WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-04 4 . 0 . 0

SP-13 2001-10-03 4 . 1 . 0

SP-14 2002-01-07 4 . 2 . 0

SP-15 2002-03-26 4 . 3 . 0

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ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.120 Security Objectives and Principles

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release: SP-15: Not to be promoted to Rel-5.

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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## TS 33.200

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-12

### 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

WG (prime / other): S3 / - rapporteur: ESCOTT, Adrian  
QUALCOMM EUROPE S.A.R.L.  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release: SP-15: Not to be promoted to Rel-5.

remarks - general: 2001-05-24: title grows MAP; see 33.210 for IP equivalent.

history (event, available, version, comments, hyperlink):

draft 2001-06-26 1 . 0 . 1  
SA-12 2001-07-04 4 . 0 . 0  
SP-12 2001-10-03 4 . 1 . 0  
SP-13 2002-01-07 4 . 2 . 0  
SP-14 2002-03-26 4 . 3 . 0  
SP-15 2001-03-22, ed notes in SP-010347

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## TR 33.901

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

### Criteria for cryptographic Algorithm design process

WG (prime / other): S3 / - rapporteur: BLOM, Rolf  
Telefon AB LM Ericsson  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release: SP-15: Not to be promoted to Rel-5.

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-10-03 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.902 Formal Analysis of the 3G Authentication Protocol

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: HORN, Guenther  
MCC: POPE, Maurice

SIEMENS AG

remarks - this release: SP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):  
SP-11 2001-10-03 4 . 0 . 0

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## TR 33.903 Access Security for IP based services

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: VACANT,  
MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TR 33.908

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general: TSG#7: S3-000105=NP-000049

## 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms

WG (prime / other): S3 / -  
G: U: yes

rappporteur: WALKER, Michael  
MCC: POPE, Maurice

VODAFONE Group Plc

remarks - this release: SP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):  
SP-11 2001-10-03 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

**TR 33-909** **3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions**  
Rel-4

*current version:* 4.0.1

*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / -

*rappporteur:* WALKER, Michael

VODAFONE Group Plc

*G:* U: yes

*MCC:* POPE, Maurice

*remarks - general:* TSG#7: Is a reference in 33-908. Was withdrawn, but reinstated at TSG#10. *remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-04 4 . 0 . 0

correct misprint in 2001-07-23 4 . 0 . 1

spec number

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Rel-4 **34** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 34 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.108

Rel-4

### Common test environments for User Equipment (UE) conformance testing

WG (prime / other):

freeze\_meeting: SP-13

T1

/ -

rappporteur: CHALABI, Nohman

MCC: ANRITSU LTD

BAEV, Stoyan

U: yes  
remarks - this release: TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.

#### history (event, available, version, comments, hyperlink):

TP-13	2001-10-08	4	.	0	.	0		<a href="#">get it</a>
TP-14	2002-01-09	4	.	1	.	0		<a href="#">get it</a>
TP-15	2002-03-20	4	.	2	.	0		<a href="#">get it</a>
edito post	TP-15	2002-03-26	4	.	2	.	1	<a href="#">get it</a>
	TP-16	2002-06-17	4	.	3	.	0	<a href="#">get it</a>
	TP-17	2002-09-11	4	.	4	.	0	<a href="#">get it</a>
	TP-18	2002-12-18	4	.	5	.	0	<a href="#">get it</a>
	TP-19	2003-03-24	4	.	6	.	0	<a href="#">get it</a>
	TP-20	2003-06-18	4	.	7	.	0	<a href="#">get it</a>
	TP-21	2003-10-10	4	.	8	.	0	<a href="#">get it</a>
	TP-22	2004-01-16	4	.	9	.	0	<a href="#">get it</a>
	TP-23	2004-03-26	4	.	10	.	0	<a href="#">get it</a>
	TP-24	2004-06-18	4	.	11	.	0	<a href="#">get it</a>

technical contents removed, is just a pointer to Rel-5 version

## TS 34.109

Rel-4

### Terminal logical test interface; Special conformance testing functions

WG (prime / other):

freeze\_meeting: SP-11

R2

/ T1

rappporteur: BERGGREN, Anders

MCC: Ericsson Incorporated

ARZELIER, Claude

U: yes  
remarks - general: TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: Stable, so txfered from T1 to R2.

#### history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0		<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0		<a href="#">get it</a>
RP-15	2002-03-19	4	.	2	.	0		<a href="#">get it</a>
RP-16	2002-06-17	4	.	3	.	0		<a href="#">get it</a>
RP-18	2003-01-13	4	.	4	.	0		<a href="#">get it</a>
RP-19	2003-03-25	4	.	5	.	0		<a href="#">get it</a>
RP-25	2004-09-27	4	.	6	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.121

Rel-4

### Terminal Conformance Specification, Radio Transmission and Reception (FDD)

WG (prime / other): T1 / -

current version: 4.1.0

U: yes

reporteur: HIGUCHI, Kenji

BAEV, Stoyan

MCC:

/ -

ADVANTEST Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-20 2003-06-17 4 . 0 . 0 upgrade sans CR

TP-21 2003-10-10 4 . 1 . 0

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## TS 34.122

Rel-4

### Terminal conformance specification, Radio transmission and reception (TDD)

WG (prime / other): T1 / -

current version: 4.10.0

U: yes

reporteur: MAUCKSCH, Thomas

BAEV, Stoyan

MCC:

/ -

ROHDE & SCHWARZ GmbH & Co.KG

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12 2001-07-03 4 . 0 . 0

TP-13 2001-10-03 4 . 1 . 0

TP-14 2002-01-09 4 . 2 . 0

TP-15 2002-03-21 4 . 3 . 0

TP-16 2002-06-17 4 . 4 . 0

TP-17 2002-09-05 4 . 5 . 0

TP-18 2002-12-18 4 . 6 . 0

TP-19 2003-03-24 4 . 7 . 0

TP-20 2003-06-17 4 . 8 . 0

TP-21 2003-10-10 4 . 9 . 0

TP-22 2004-01-19 4 . 10 . 0

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ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

WG (prime / other): T1 / -

G: U: yes

rappporteur: SULTAN, Alain

MCC: BAEV, Stoyan

SOURCE COM

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-13	2001-10-03	4	.	0	.	0
TP-14	2002-01-09	4	.	1	.	0
TP-15	2002-03-20	4	.	2	.	0
TP-16	2002-06-19	4	.	3	.	0

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## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

WG (prime / other): T1 / -

G: U: yes

ETSI Secretariat

rappporteur: HU, Shicheng

MCC: BAEV, Stoyan

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-13	2001-10-04	4	.	0	.	0
TP-14	2002-01-09	4	.	1	.	0
TP-15	2002-03-21	4	.	2	.	0
TP-16	2002-06-19	4	.	3	.	0

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATs)

WG (prime / other): T1 / -

G: U: yes

ETSI Secretariat

rappporteur: HU, Shicheng

MCC: BAEV, Stoyan

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

WG (prime / other): R4 / -  
G: U: yes

rappporteur: SOERENSEN, Ole

MCC: NOKIA Corporation

GUTIERREZ MIGUELEZ, Cesar

freeze\_meeting: SP-11  
remarks - general: T1->R4@TSG#10

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-10 4 . 0 . 0  
RP-18 2003-01-10 4 . 1 . 0  
RP-19 2003-04-04 4 . 2 . 0

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[get it](#)

## TR 34-910 Identification of test requirements for regulatory purposes in different regions/countries

WG (prime / other): T1 / -  
G: U: yes

rappporteur: NIELSEN, Bjarke

MCC: QUALCOMM EUROPE S.A.R.L.

BAEV, Stoyan

U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-05 1999-10-13 0 . 0 . 1  
TP-10 2001-01-09 1 . 0 . 0

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## TR 34-926 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment

WG (prime / other): R4 / -  
G: U: yes

rappporteur: FENN, John B

MCC: Research in Motion UK Limited

GUTIERREZ MIGUELEZ, Cesar

U: yes

remarks - this release:

remarks - general: Plan approved TSG#7 TP-000036), T1->R4@TSG#10

history (event, available, version, comments, hyperlink):

TP-09 2000-10-06 1 . 0 . 0  
RP-10 2001-01-09 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

Rel-4 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

**TS 35.201** **Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**  
Rel-4 current version: 4.1.0 rapporteur: WALKER, Michael  
freeze\_meeting: SP-11 G: U: yes MCC: POPE, Maurice  
VODAFONE Group Plc  
remarks - general: ex SAGE; supplied by ETSI under licence

history (event, available, version, comments, hyperlink):  
SP-11 2001-08-28 4 . 0 . 0  
SP-14 2002-01-07 4 . 1 . 0

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**TS 35.202** **Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**  
Rel-4 current version: 4.0.0 rapporteur: WALKER, Michael  
freeze\_meeting: SP-11 G: U: yes MCC: POPE, Maurice  
VODAFONE Group Plc  
remarks - general: ex SAGE; supplied by ETSI under licence

history (event, available, version, comments, hyperlink):  
SP-11 2001-08-28 4 . 0 . 0

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**TS 35.203** **Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**  
Rel-4 current version: 4.0.0 rapporteur: WALKER, Michael  
freeze\_meeting: SP-11 G: U: yes MCC: POPE, Maurice  
VODAFONE Group Plc  
remarks - general: ex SAGE; supplied by ETSI under licence

history (event, available, version, comments, hyperlink):  
SP-11 2001-08-28 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series) ACTIVE specs Rel-4 35 .- series

**TS 35.204** **Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael  
*freeze\_meeting:* SP-11 *MCC:* POPE, Maurice  
*remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-08-28 4 . 0 . 0 [get it](#)

**TS 35.205** **3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4 *current version:* 1: General 4.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 *MCC:* POPE, Maurice  
*remarks - general:* ex SAGE. 2002-06: clarified that deliverable is TS not TR. *remarks - this release:* TSG#11:changed to Rel-4.  
*U:* yes

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0 [get it](#)

**TS 35.206** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4 *current version:* 2: Algorithm specification 4.0.0 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 *MCC:* POPE, Maurice  
*remarks - general:* ex SAGE *remarks - this release:* TSG#11:changed to Rel-4  
*U:* yes

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:04:48

Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series) ACTIVE specs Rel-4 35 .- series

---

**TS 35.207** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** Document  
Rel-4 *current version: 3: Implementors' test data* WG (prime / other): S3 /-  
VODAFONE Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this release:* TSG#11:changed to Rel-4

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0 [get it](#)

---

**TS 35.208** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** Document  
Rel-4 *current version: 4: Design conformance test data* WG (prime / other): S3 /-  
VODAFONE Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this release:* TSG#11:changed to Rel-4

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0 [get it](#)

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**TR 35.909** **3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** Document  
Rel-4 *current version: 5: Summary and results of design and evaluation* 4.0.0WG (prime / other): S3 /-  
VODAFONE Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this release:* TSG#11:Formerly 35.209 Rel-99 (but never made available)

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

Rel-4 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

**TR 41.031** **Fraud Information Gathering System (FIGS); Service requirements; Stage 0**  
Rel-4 *current version: 4.0.1* S3 / - *rapporteur: WRIGHT, Tim* Indicate persons who left Company and wait for new  
*freeze\_meeting: SP-11* One

*remarks - general:*

G: yes U: POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release:

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
edito 2001-05-02 4 . 0 . 1 [get it](#)

**TR 41.033** **Lawful Interception requirements for GSM**

Rel-4 *current version: 4.0.1*  
*freeze\_meeting: SP-11*

*remarks - general:*

WG (prime / other): S3 / - *rapporteur: MCKIBBEN, Bernie* MOTOROLA GmbH  
G: yes U: POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release:

*history (event, available, version, comments, hyperlink):*

SP-11 2001-05-02 4 . 0 . 1 [get it](#)  
edito 2001-05-02 4 . 0 . 1

**TS 41.061** **General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**

Rel-4 *current version: 4.0.0*  
*freeze\_meeting: SP-11*

*remarks - general:*

WG (prime / other): S3 / - *rapporteur: WALKER, Michael* VODAFONE Group Plc  
G: yes U: POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release: SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-4 current version: 4.13.0

freeze\_meeting: SP-20

WG (prime / other): SP /

rapporteur: MEREDITH, John M ETSI Secretariat

MCC: POPE, Maurice

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20	2003-06-25	4 . 9 . 0	Created from 41.102 v4.9.0
SP-23	2004-04-02	4 . 10 . 0	
SP-24	2004-06-24	4 . 11 . 0	
SP-25	2004-09-29	4 . 12 . 0	
SP-26	2005-01-04	4 . 13 . 0	

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[get it](#)  
[get it](#)

## Rel-4

42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.009 Security aspects

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

WG (prime / other): S3 / S1 / NP

rapporteur: CHRISTOFFERSSON, Per TeliaSonera AB

G: yes U:

MCC: POPE, Maurice

remarks - this release: SP-15: Not to be promoted to Rel-5.

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	4 . 0 . 0	
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.017 Subscriber Identity Module (SIM); Functional characteristics

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T3 / S1  
G: yes U:

rapporteur: HOOKER, Philip  
MCC: THOMASEN, Gert  
ORANGE PCS LTD

remarks - this release: 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.

history (event, available, version, comments, hyperlink):

TP-11 2001-04-09 4 . 0 . 0

[get it](#)

---

## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.

WG (prime / other): T3 / -  
G: yes U:

rapporteur: DIETRICH, Christian  
MCC: THOMASEN, Gert  
Axalto S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12 2001-07-06 4 . 0 . 0

[get it](#)

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## TS 42.033 Lawful Interception; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 /  
G: yes U:

rapporteur: MCKIBBEN, Bernie  
MCC: POPE, Maurice  
MOTOROLA GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1

Rel-4 current version: 4.0.0 / rapporteur: KOKKOLA, Tommi

freeze\_meeting: SP-11

G: yes U:

S1 /

NOKIA Corporation

CLAYTON, Michael

MCC:

remarks - general: Was 22.043 at Rel99.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0 [get it](#)

---

## TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

Rel-4 current version: 4.0.0 / rapporteur: POIRAUD, Patrick

freeze\_meeting: SP-11

G: yes U:

S1 / -

ALCATEL S.A.

CLAYTON, Michael

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0 [get it](#)

---

## TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-4 current version: 4.1.0 / rapporteur: CLAYTON, Michael

freeze\_meeting: SP-11

G: yes U:

S1 / -

EMCOM Ltd

CLAYTON, Michael

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-08 2000-06-23 4 . 0 . 0 32,304

edito 2000-10-24 4 . 0 . 1

SP-10 2001-01-08 4 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-4  
freeze\_meeting: SP-11

WG (prime / other): S1 / -  
G: yes U: EMCOM Ltd

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-08	2000-06-23	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
SP-10	2001-01-08	4	.	1	.	0

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[get it](#)

## Rel-4 43 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.005 Technical performance objectives

Rel-4  
freeze\_meeting: SP-11

WG (prime / other): NP / -  
G: yes U: BOSWARTHICK, David  
ETSI Secretariat  
BOSWARTHICK, David

remarks - general:

remarks - this release: Note that 03,05 was a TR, but Rel-4 has been drafted as a TS.

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don

G: yes U: HAN, Seung Don

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10 2001-01-08 4 . 0 . 0

NP-11 2001-04-06 4 . 1 . 0

NP-17 2002-09-17 4 . 2 . 0

## TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / - rapporteur: USAI, Paolino

G: yes U: USAI, Paolino

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

## TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general: For test spec, see 51.013.

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian

G: yes U: THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11 2001-10-23 4 . 0 . 0

TP-14 2002-01-17 4 . 1 . 0

TP-16 2002-06-25 4 . 2 . 0

TP-17 2002-09-27 4 . 3 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.020 Security-related network functions

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / NP / rapporteur: GILBERT, Henri  
GP FTR&D/DTL/SSR  
MCC: POPE, Maurice  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09 2000-11-04 4 . 0 . 0 many invalid references

[get it](#)

## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general: Moved from SMG3 Jan 2000.

WG (prime / other): G1 / N1 rapporteur: HOWELL, Andrew  
USAI, Paolino  
MCC: MOTOROLA Ltd  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-01 2000-10-10 4 . 0 . 0

edito 2000-10-24 4 . 0 . 1

GP-02 2000-11-24 4 . 1 . 0

edito 2000-11-30 4 . 1 . 1

GP-03 2001-02-15 4 . 2 . 0

GP-05 2001-10-05 4 . 3 . 0

GP-10 2002-07-19 4 . 4 . 0

GP-11 2002-09-19 4 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
USAI, Paolino

G: yes U: MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0  
re-issue as TR (not 2002-07-31 4 . 0 . 1  
TS) as per 03.26

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[get it](#)

## TR 43.030 Radio network planning aspects

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

WG (prime / other): G1 / - rapporteur: TEGTH, Ulf  
USAI, Paolino  
TeliaSonera AB

G: yes U: MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-01 2000-10-10 4 . 0 . 0  
some refs revert to 2000-10-24 4 . 0 . 1  
pre-Rel-4 GSM  
format

[get it](#)  
[get it](#)

## TS 43.033 3G security, Lawful Interception, Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie  
POPE, Maurice  
MOTOROLA GmbH

G: yes U: MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.045 Technical Realization of Facsimile Group 3 Service - transparent

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): N3 / -

rporteur: HAN, Seung Don  
MCC: HAN, Seung Don

KT Freetel Co., Ltd.

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0

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## TS 43.050 Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S4 / -

rporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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## TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): G1 / -

rporteur: GIRAUD, Alexis  
MCC: USAI, Paolino

ALCATEL S.A.

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / G2 rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
USAI, Paolino

G: yes U:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04	2001-04-11	4	.	0	.	0
GP-05	2001-06-29	4	.	1	.	0
GP-14	2003-04-25	4	.	2	.	0
GP-16	2003-09-12	4	.	3	.	0
GP-21	2004-09-20	4	.	4	.	0
GP-22	2004-12-02	4	.	5	.	0
GP-23	2005-02-11	4	.	6	.	0

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## TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / - rapporteur: MONFORT, Jean-Yves France Telecom  
USAI, Paolino

G: yes U:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

WG (prime / other): G1 / -

rapporporteur: LIVINGSTON, Margaret  
USAI, Paolino

freeze\_meeting: SP-11

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-02	2001-01-05	1	0	0	0
draft	2001-02-02	1	0	2	
GP-04	2001-05-09	4	0	0	
GP-05	2001-06-29	4	1	0	
GP-06	2001-10-01	4	2	0	
GP-07	2002-01-04	4	3	0	
GP-08	2002-02-19	4	4	0	
GP-10	2002-07-19	4	5	0	
GP-19	2004-05-06	4	6	0	

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## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime / other): G1 / -

rapporporteur: LEPPISAARI, Aito  
USAI, Paolino

freeze\_meeting: SP-11

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-15	4	0	0	
GP-04	2001-04-20	4	1	0	
GP-07	2002-01-04	4	2	0	
GP-08	2002-02-19	4	3	0	
GP-14	2003-04-25	4	4	0	
GP-19	2004-05-06	4	5	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0
edito	2000-10-24	4	.	1	.	1
NP-10	2001-01-02	4	.	2	.	0
edito	2002-06-17	4	.	2	.	1
edito	2002-06-28	4	.	2	.	2
NP-21	2003-10-08	4	.	3	.	0
NP-25	2004-09-27	4	.	4	.	0

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0
edito	2002-06-28	4	.	1	.	1
NP-10	2001-01-03	4	.	2	.	0
edito	2002-06-06	4	.	2	.	1
Note 1 to 9 and	2002-06-27	4	.	2	.	2
Note 2 to 10 in fig. 4						

NP-21	2003-10-08	4	.	3	.	0
NP-25	2004-09-27	4	.	4	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 current version: 4.0.0 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
freeze\_meeting: SP-16 G: yes U: KYMALAINEN, Kimmo  
remarks - general: SP-16: derived from 23.073 on reversion to GERAN-only service. remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 4 . 0 . 0 = 23.073 v4.0.0 [get it](#)

## Rel-4 44 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

### TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 current version: 4.1.0 WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: SP-11 G: yes U: Skov  
MCC: JURISIC, Andrijana  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0 [get it](#)  
NP-16 2002-06-20 4 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.003 Mobile Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-4  
WG (prime / other): G2 / -  
current version: 4.0.0  
freeze\_meeting: GP-04  
rapporteur: ANDERSEN, Niels Peter  
                  Skov  
                  THOMASEN, Gert

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

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## TS 44.004 Layer 1 - General Requirements

Rel-4  
WG (prime / other): G2 / -  
current version: 4.2.0  
freeze\_meeting: GP-04  
rapporteur: ISAACS, Ken  
                  THOMASEN, Gert

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
GP-06 2001-09-14 4 . 1 . 0  
GP-07 2002-01-08 4 . 2 . 0

[get it](#)  
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## TS 44.005 Data Link (DL) Layer General Aspects

Rel-4  
WG (prime / other): G2 / -  
current version: 4.0.0  
freeze\_meeting: GP-04  
rapporteur: ANDERSEN, Niels Peter  
                  Skov  
                  THOMASEN, Gert

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-04

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
GP-08 2002-02-19 4 . 1 . 0  
post GP-08 editorial 2003-12-05 4 . 1 . 1

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## TS 44.012 Short Message Service Cell Broadcast (SMS-CB) support on the mobile radio interface

WG (prime / other): G2 / N2

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: GP-04

G: yes U:

MCC: THOMASEN, Gert

remarks - general: Rel-4 onwards. (Rel-99 was 24.012)

remarks - this release: TSG#11: Replaces 24.012 for Rel-4 on.

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
edito 2002-12-17 4 . 0 . 1

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## TS 44.013 Performance Requirements on Mobile Radio Interface

WG (prime / other): N1 / -

rapporteur: DAWES, Peter  
JURISIC, Andrijana

freeze\_meeting: SP-11

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0  
NP-16 2002-06-20 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

WG (prime / other): G2 / -

rapporporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

MOTOROLA Ltd

freeze\_meeting: GP-04

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	4	.	0	.	0
GP-05	2001-06-18	4	.	1	.	0
GP-10	2002-07-19	4	.	2	.	0
GP-15	2003-07-10	4	.	3	.	0
GP-20	2004-07-23	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 current version: 4.20.0

freeze\_meeting: GP-04

WG (prime / other): G2 / -

G: yes U:

rappporteur: HOWELL, Andrew

MCC: THOMASEN, Get

MOTOROLA Ltd

remarks - this release: #32.9.0.0 MCC-converted Aug00:

### history (event, available, version, comments, hyperlink):

04.18 to 3G format	2000-08-10	4	.	0	.	0	
GP-01	2000-10-11	4	.	1	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	1	.	1	<a href="#">get it</a>
GP-02	2000-12-21	4	.	2	.	0	<a href="#">get it</a>
GP-03	2001-01-31	4	.	3	.	0	<a href="#">get it</a>
GP-04	2001-05-04	4	.	4	.	0	<a href="#">get it</a>
GP-05	2001-06-18	4	.	5	.	0	<a href="#">get it</a>
GP-06	2001-09-10	4	.	6	.	0	<a href="#">get it</a>
GP-07	2002-01-08	4	.	7	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	8	.	0	<a href="#">get it</a>
GP-09	2002-05-02	4	.	9	.	0	<a href="#">get it</a>
edito post	2002-05-28	4	.	9	.	1	<a href="#">get it</a>
GP-10	2002-07-19	4	.	10	.	0	<a href="#">get it</a>
GP-11	2002-09-16	4	.	11	.	0	<a href="#">get it</a>
GP-12	2002-12-17	4	.	12	.	0	<a href="#">get it</a>
GP-13	2003-02-21	4	.	13	.	0	<a href="#">get it</a>
GP-14	2003-04-28	4	.	14	.	0	<a href="#">get it</a>
GP-15	2003-07-10	4	.	15	.	0	<a href="#">get it</a>
post GP-15 editorial	2003-12-05	4	.	15	.	1	<a href="#">get it</a>
GP-18	2004-02-23	4	.	16	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	17	.	0	<a href="#">get it</a>
GP-20	2004-07-23	4	.	18	.	0	<a href="#">get it</a>
GP-21	2004-09-04	4	.	19	.	0	<a href="#">get it</a>
GP-23	2005-02-11	4	.	20	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.031 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha

G: yes U: freeze\_meeting: SP-11 MCC: HAN, Seung Don

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10 2000-12-21 4 . 0 . 0

NP-17 2002-09-19 4 . 1 . 0

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## TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)

WG (prime / other): G2 / - rapporteur: GARAPATY, Sonia

G: yes U: freeze\_meeting: GP-04 MCC: THOMASEN, Gert

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

GP-05 2001-06-18 4 . 1 . 0

GP-06 2001-09-14 4 . 2 . 0

GP-07 2002-01-08 4 . 3 . 0

GP-08 2002-02-19 4 . 4 . 0

GP-09 2002-05-02 4 . 5 . 0

GP-10 2002-07-19 4 . 6 . 0

GP-16 2003-09-12 4 . 7 . 0

GP-18 2004-02-23 4 . 8 . 0

GP-19 2004-05-06 4 . 9 . 0

GP-20 2004-07-23 4 . 10 . 0

GP-21 2004-09-04 4 . 11 . 0

GP-22 2004-11-29 4 . 12 . 0

GP-23 2005-02-11 4 . 13 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

WG (prime / other): G2 / -

rapporporteur: GARAPATY, Sonia

G: yes U: THOMASEN, Gert

freeze\_meeting: GP-04

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

GP-07 2002-01-08 4 . 1 . 0

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## TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

WG (prime / other): N1 / -

rapporporteur: HUPPERICH, Peter

JURISIC, Andrijana

G: yes U:

remarks - this release:

ALCATEL S.A.

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0

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## TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

WG (prime / other): N1 / -

rapporporteur: HUPPERICH, Peter

JURISIC, Andrijana

G: yes U:

remarks - this release:

ALCATEL S.A.

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

**TS 44.060** **General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol**

Rel-4

current version: 4.20.0

freeze\_meeting: GP-04

MOTOROLA Ltd

rapporporteur: HOWELL, Andrew

MCC: THOMASEN, Get

remarks - general: General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station

System (BSS) interface; Radio Link Control/ Medium Access Control

(RLC/MAC) protocol

WG (prime / other): G2 /

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-01-31	4	.	0	.	0		<a href="#">get it</a>
GP-04	2001-05-04	4	.	1	.	0		<a href="#">get it</a>
GP-05	2001-06-18	4	.	2	.	0		<a href="#">get it</a>
GP-06	2001-09-14	4	.	3	.	0		<a href="#">get it</a>
GP-07	2002-01-09	4	.	4	.	0		<a href="#">get it</a>
GP-08	2002-02-19	4	.	5	.	0		<a href="#">get it</a>
GP-09	2002-05-03	4	.	6	.	0		<a href="#">get it</a>
edito post GP-09	2002-05-28	4	.	6	.	1		<a href="#">get it</a>
GP-10	2002-07-19	4	.	7	.	0		<a href="#">get it</a>
GP-11	2002-09-16	4	.	8	.	0		<a href="#">get it</a>
GP-12	2002-12-17	4	.	9	.	0		<a href="#">get it</a>
GP-13	2003-02-21	4	.	10	.	0		<a href="#">get it</a>
GP-14	2003-04-29	4	.	11	.	0		<a href="#">get it</a>
GP-15	2003-07-10	4	.	12	.	0		<a href="#">get it</a>
GP-16	2003-09-13	4	.	13	.	0		<a href="#">get it</a>
GP-17	2003-12-05	4	.	14	.	0		<a href="#">get it</a>
GP-18	2004-02-23	4	.	15	.	0		<a href="#">get it</a>
GP-19	2004-05-06	4	.	16	.	0		<a href="#">get it</a>
GP-20	2004-07-23	4	.	17	.	0		<a href="#">get it</a>
GP-21	2004-09-03	4	.	18	.	0		<a href="#">get it</a>
GP-22	2004-11-29	4	.	19	.	0		<a href="#">get it</a>
GP-23	2005-02-11	4	.	20	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

WG (prime / other): N1 / - rapporteur: DOIG, Ian

G: yes U: MCC: JURISIC, Andrijana

MOTOROLA S.A.S

remarks - general: freeze\_meeting: SP-11

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
NP-14	2002-01-04	4	.	2	.	0
NP-15	2002-03-19	4	.	3	.	0

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## TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

WG (prime / other): N1 / - rapporteur: DOIG, Ian

G: yes U: MCC: JURISIC, Andrijana

MOTOROLA S.A.S

remarks - general: freeze\_meeting: SP-11

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10	2001-01-02	4	.	0	.	0
NP-13	2001-10-02	4	.	1	.	0
NP-15	2002-03-19	4	.	2	.	0
NP-25	2004-09-27	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.068 Group Call Control (GCC) Protocol

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

conversion to 3GPP 2000-09-06 4 . 0 . 0

format

NP-09 2000-10-12 4 . 1 . 0

edito 2000-10-24 4 . 1 . 1

NP-12 2001-06-29 4 . 2 . 0

NP-16 2002-06-19 4 . 3 . 0

## TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-08 2000-06-23 4 . 0 . 0

NP-09 2000-10-12 4 . 1 . 0

edito 2000-10-24 4 . 1 . 1

NP-12 2001-06-29 4 . 2 . 0

NP-16 2002-06-19 4 . 3 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.3.0

Skov

freeze\_meeting: GP-04

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	4	.	0	.	0
GP-05	2001-06-18	4	.	1	.	0
GP-07	2002-01-08	4	.	2	.	0
GP-10	2002-07-19	4	.	3	.	0

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## Rel-4 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

### TS 45.001 Physical layer on the radio path; General description

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

current version: 4.4.0

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-01	2000-10-10	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
GP-07	2002-01-04	4	.	1	.	0
GP-14	2003-04-25	4	.	2	.	0
GP-17	2003-12-05	4	.	3	.	0
GP-22	2004-12-02	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.002 Multiplexing and multiple access on the radio path

Rel-4 current version: 4.8.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoit

G: yes U: USAI, Paolino

NOKIA Corporation

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-01 2000-10-10 4 . 0 . 0  
edito 2000-10-24 4 . 0 . 1  
GP-02 2000-11-24 4 . 1 . 0  
edito 2000-11-30 4 . 1 . 1  
GP-03 2001-01-15 4 . 2 . 0  
edito 2001-02-27 4 . 2 . 1  
GP-04 2001-04-20 4 . 3 . 0  
GP-06 2001-10-01 4 . 4 . 0  
GP-07 2002-01-04 4 . 5 . 0  
GP-13 2003-02-21 4 . 6 . 0  
GP-14 2003-04-25 4 . 7 . 0  
GP-15 2003-07-11 4 . 8 . 0

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## TS 45.003 Channel coding

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoit

G: yes U: USAI, Paolino

NOKIA Corporation

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03 2001-02-06 4 . 0 . 0  
GP-07 2002-01-04 4 . 1 . 0  
GP-14 2003-04-25 4 . 2 . 0  
GP-22 2004-12-02 4 . 3 . 0  
GP-23 2005-02-11 4 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.004

### Modulation

current version: 4.2.0

freeze\_meeting: SP-11

WG (prime / other): G1 / -

G: yes U:

rappporteur: SEBIRE, Benoit

USAI, Paolino

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04	2001-06-18	4	.	0	.	0
GP-05	2001-06-29	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)  
ACTIVE specs Rel-4 45 .- series

## TS 45.005 Radio transmission and reception

Rel-4 current version: 4.15.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-01	2000-10-10	4	.	0	.	0		<a href="#">get it</a>
edito	2000-10-24	4	.	0	.	1		<a href="#">get it</a>
GP-02	2000-11-24	4	.	1	.	0		<a href="#">get it</a>
edito	2000-11-30	4	.	1	.	1		<a href="#">get it</a>
GP-03	2001-02-15	4	.	2	.	0		<a href="#">get it</a>
GP-04	2001-04-20	4	.	3	.	0		<a href="#">get it</a>
GP-05	2001-06-29	4	.	4	.	0		<a href="#">get it</a>
GP-06	2001-10-01	4	.	5	.	0		<a href="#">get it</a>
GP-07	2002-01-04	4	.	6	.	0		<a href="#">get it</a>
GP-09	2002-05-06	4	.	7	.	0		<a href="#">get it</a>
GP-10	2002-07-19	4	.	8	.	0		<a href="#">get it</a>
GP-11	2002-09-19	4	.	9	.	0		<a href="#">get it</a>
GP-13	2003-02-21	4	.	10	.	0		<a href="#">get it</a>
GP-14	2003-04-25	4	.	11	.	0		<a href="#">get it</a>
GP-15	2003-07-11	4	.	12	.	0		<a href="#">get it</a>
GP-16	2003-09-12	4	.	13	.	0		<a href="#">get it</a>
GP-19	2004-05-06	4	.	14	.	0		<a href="#">get it</a>
GP-22	2004-12-02	4	.	15	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.008 Radio subsystem link control

current version: 4.16.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / -

rappporteur: EL-SAIGH, Amer

MCC: USAI, Paolino

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-01	2000-09-01	4	.	0	.	0	
GP-02	2000-11-24	4	.	1	.	0	
edito	2000-11-30	4	.	1	.	1	
GP-03	2001-02-15	4	.	2	.	0	<a href="#">get it</a>
GP-04	2001-04-20	4	.	3	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	4	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	5	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	6	.	0	<a href="#">get it</a>
GP-08	2002-02-18	4	.	7	.	0	<a href="#">get it</a>
GP-09	2002-05-06	4	.	8	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	9	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-11	4	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	4	.	12	.	0	<a href="#">get it</a>
GP-17	2003-12-05	4	.	13	.	0	<a href="#">get it</a>
GP-20	2004-07-09	4	.	14	.	0	<a href="#">get it</a>
GP-21	2004-09-22	4	.	15	.	0	<a href="#">get it</a>
GP-22	2004-12-02	4	.	16	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.009

Rel-4

### Link adaptation

current version: 4.2.0

freeze\_meeting: SP-11

WG (prime / other): G1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-02	2001-02-06	4	.	0	.	0
GP-06	2001-10-01	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0

[get it](#)  
[get it](#)  
[get it](#)

## TS 45.010

Rel-4

### Radio subsystem synchronization

current version: 4.5.0

freeze\_meeting: SP-11

WG (prime / other): G1 / -

NOKIA MOBILE PHONES

JOKINEN, Harri

USAI, Paolino

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04	2001-04-20	4	.	0	.	0
GP-07	2002-01-04	4	.	1	.	0
GP-08	2002-02-19	4	.	2	.	0
GP-10	2002-07-19	4	.	3	.	0
GP-13	2003-02-21	4	.	4	.	0
GP-16	2003-09-12	4	.	5	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.015 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

WG (prime / other): G1 / - rapporteur: ESCULIER, Carole NORTEL NETWORKS (EUROPE)

current version: 4.0.0

freeze\_meeting: GP-22

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-22 2004-11-30 2 . 0 . 0 GP-042853 - but should have been  
created from R99 version.

GP-22 2004-12-02 4 . 0 . 0

[get it](#)

[get it](#)

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## TR 45.022 Radio link management in hierarchical networks

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han T-Mobile International AG

current version: 4.0.0

freeze\_meeting: SP-11

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

[get it](#)

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## TR 45.050 Background for RF Requirements

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.0.1

freeze\_meeting: SP-11

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

make figures legible 2001-08-01 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.056 CTS-FP Radio Sub-system

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): G1 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino

TELECOM ITALIA S.p.A.  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

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## Rel-4 46 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

## TS 46.001 Full rate speech; Processing functions

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino

TELECOM ITALIA S.p.A.  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-10-10 4 . 0 . 0

[get it](#)

## TS 46.002 Half rate speech; Half rate speech processing functions

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino

MOTOROLA Ltd  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.006 Half-rate speech; ANSI-C code for GSM half-rate speech codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -

rapporteur: AFTELAK, Steve  
USAI, Paolino

MOTOROLA Ltd

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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## TS 46.007 Half rate speech; Test sequences for the GSM half rate speech codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -

rapporteur: AFTELAK, Steve  
USAI, Paolino

MOTOROLA Ltd

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -

rapporteur: SALEM, Tarek  
USAI, Paolino

T-MOBILE DEUTSCHLAND

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

## TS 46.010 Full-rate speech; Transcoding

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U: LORENZ, Dietmar  
USAI, Paolino

rappporteur:  
MCC:  
remarks - this release:

PHILIPS Semiconductors

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0  
SP-12 2001-06-29 4 . 1 . 0

[get it](#)  
[get it](#)

## TS 46.011 Full rate speech; Substitution and muting of lost frames for full rate speech channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U: NAVARRO, William  
USAI, Paolino

rappporteur:  
MCC:  
remarks - this release:

NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

## TS 46.012 Full rate speech; Comfort noise aspect for full rate speech traffic channels

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U: SERENO, Daniele  
USAI, Paolino

rappporteur:  
MCC:  
remarks - this release:

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0  
SP-12 2001-06-29 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.020 Half rate speech; Half rate speech transcoding

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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## TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.022 Half rate speech; Comfort noise aspects for the half rate speech traffic channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.031 Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
USAI, Paolino  
USAI, Paolino  
TELECOM ITALIA S.p.A.  
rappporteur:  
MCC:  
G: yes U:  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.032 Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
BARRETT, Paul  
USAI, Paolino  
TELECOM ITALIA S.p.A.  
rappporteur:  
MCC:  
G: yes U:  
remarks - general:  
Indicate persons who left Company and wait for new One  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.041 Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
USAI, Paolino  
USAI, Paolino  
TELECOM ITALIA S.p.A.  
rappporteur:  
MCC:  
G: yes U:  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.042 Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
rapporteur: BARRETT, Paul  
MCC: USAI, Paolino  
G: yes U:  
Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.051 Enhanced Full Rate (EFR) speech processing functions; General description

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
G: yes U:  
NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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## TS 46.053 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
WG (prime / other): S4 / -  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
G: yes U:  
NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.054 Test sequences for the GSM Enhanced Full Rate (EFR) speech codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
USAI, Paolino

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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## TR 46.055 Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S4 / -

rapporteur: SALEM, Tarek  
USAI, Paolino

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.060 Enhanced Full Rate (EFR) speech transcoding

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari  
USAI, Paolino

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.061 Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: JÄRVINEN, Kari

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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## TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rapporteur: JÄRVINEN, Kari

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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## TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report

WG (prime / other): S4 / -

G: yes U:

rapporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

fix invisible figures 2002-01-10 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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## TS 46.081 Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels

Rel-4 current version: 4.0.0 / -  
freeze\_meeting: SP-11

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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## TS 46.082 Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels

Rel-4 current version: 4.0.0 / -  
freeze\_meeting: SP-11

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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## TR 46.085 Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation

Rel-4 current version: 4.0.0 / -  
freeze\_meeting: SP-11

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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Rel-4 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.001 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0 [get it](#)

---

## TS 48.002 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles

Rel-4  
current version: 4.2.0  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
GP-05 2001-06-18 4 . 1 . 0 [get it](#)  
GP-07 2002-01-08 4 . 2 . 0 Rel-5 CR undone. Effectively reverts to  
4.0.0 [get it](#)

---

## TS 48.004 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

**TS 48.006** **Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
MCC: THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
G: yes U:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-04 2001-05-04 4 . 0 . 0

[get it](#)

**TS 48.008** **Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-4  
current version: 4.10.0  
freeze\_meeting: GP-04  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
MCC: THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
G: yes U:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
08.08 to 3G format 2000-08-11 4 . 0 . 0  
GP-01 2000-10-11 4 . 1 . 0  
edito 2000-10-24 4 . 1 . 1  
GP-02 2001-01-11 4 . 2 . 0  
GP-03 2001-01-31 4 . 3 . 0  
GP-04 2001-05-04 4 . 4 . 0  
GP-06 2001-09-14 4 . 5 . 0  
GP-07 2002-01-08 4 . 6 . 0  
GP-08 2002-02-19 4 . 7 . 0  
GP-10 2002-07-19 4 . 8 . 0  
GP-15 2003-07-10 4 . 9 . 0  
GP-16 2003-09-12 4 . 10 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.014** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1**  
Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

remarks - general:

G: yes U:

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-04 2001-05-04 4 . 0 . 0

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---

**TS 48.016** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
Rel-4  
current version: 4.4.0  
freeze\_meeting: GP-04

remarks - general:

G: yes U:

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-02 2000-11-17 4 . 0 . 0  
GP-04 2001-05-04 4 . 1 . 0  
edito 2001-06-07 4 . 1 . 1  
GP-06 2001-09-14 4 . 2 . 0  
GP-15 2003-07-10 4 . 3 . 0  
GP-20 2004-07-23 4 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

## TS 48.018

Rel-4

**General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**

WG (prime / other): G2 / -

rapporporteur: BLACK, Jyoti

freeze\_meeting: GP-04

MCC: THOMASEN, Gert

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-02	2000-11-17	4	.	0	.	0
GP-03	2001-01-31	4	.	1	.	0
GP-04	2001-05-04	4	.	2	.	0
GP-05	2001-06-18	4	.	3	.	0
edito	2001-06-29	4	.	3	.	1
GP-06	2001-09-10	4	.	4	.	0
GP-09	2002-05-06	4	.	5	.	0
GP-18	2004-02-23	4	.	6	.	0
GP-19	2004-05-06	4	.	7	.	0

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## TS 48.020

Rel-4

**Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**

WG (prime / other): 4.1.0

rapporporteur: RÄSÄNEN, Juha

freeze\_meeting: SP-11

MCC: HAN, Seung Don

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-06	4	.	0	.	0
NP-17	2002-09-19	4	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

## TS 48.031 Rel-4

**Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification**  
WG (prime / other): G2 / -  
current version: 4.1.0  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
MCC:  
THOMASEN, Gert

G: yes U:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
GP-05 2001-06-18 4 . 1 . 0

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[get it](#)

## TS 48.051 Rel-4

**Base Station Controller - Base Transceiver Station (BSC-BTS) interface; General aspects**  
WG (prime / other): G2 / -  
current version: 4.1.0  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
MCC:  
THOMASEN, Gert

G: yes U:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
GP-07 2002-01-08 4 . 1 . 0

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[get it](#)

## TS 48.052 Rel-4

**Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles**  
WG (prime / other): G2 / -  
current version: 4.0.1  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
MCC:  
THOMASEN, Gert

G: yes U:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
edito 2001-05-15 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series) ACTIVE specs Rel-4 48 .- series

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## TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.0.0

freeze\_meeting: GP-04

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

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---

## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.0.0

freeze\_meeting: GP-04

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

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## TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.1.0

freeze\_meeting: GP-04

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

GP-08 2002-02-19 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels

Rel-4 current version: 4.1.0 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: GP-04

Skov  
USAI, Paolino

G: yes U:

MCC:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release:  
> G1.

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
edito 2001-05-28 4 . 0 . 1 [get it](#)  
GP-08 2002-02-19 4 . 1 . 0 [get it](#)

---

## TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels

Rel-4 current version: 4.1.1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: GP-04

Skov  
USAI, Paolino

G: yes U:

MCC:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release:  
> G1.

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
GP-08 2002-02-19 4 . 1 . 0 [get it](#)  
editorial body GP-08 2002-03-20 4 . 1 . 1 [get it](#)

G: yes U:

MCC:

remarks - this release:  
Cover sheet still shows version 4.0.0 and  
wrong date.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

## TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification

Rel-4 current version: 4.4.0 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: GP-04

WG (prime / other): G2 / -

Skov

G: yes U: THOMASEN, Gert

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	4	.	0	.	0
GP-06	2001-09-14	4	.	1	.	0
GP-07	2002-01-08	4	.	2	.	0
GP-08	2002-02-19	4	.	3	.	0
GP-15	2003-07-10	4	.	4	.	0

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## Rel-4 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

### TR 49.001 General network interworking scenarios

Rel-4 current version: 4.0.2 rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

freeze\_meeting: SP-11

WG (prime / other): N4 / -

KYMALAINEN, Kimmo

MCC: KYMALAINEN, Kimmo

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
correct references	2002-06-25	4	.	0	.	1
edito post NP-26	2005-01-11	4	.	0	.	2

Change cover page: TS -> TR

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

WG (prime / other): N1 / - rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated

current version: 4.1.0

freeze\_meeting: SP-11

G: yes U:

MCC: JURISIC, Andrijana

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	0	0	0
draft	2002-06-17	4	0	0	1
NP-19	2003-03-24	4	1	1	0

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## TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.4.0

freeze\_meeting: GP-04

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	4	0	0	0
edito	2001-10-03	4	0	0	1
GP-06	2001-09-14	4	1	0	0
edito	2001-10-03	4	1	1	1
GP-07	2002-01-08	4	2	0	0
GP-10	2002-07-19	4	3	0	0
GP-19	2004-05-06	4	4	0	0

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Rel-4

50 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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## TR 50.059 Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
WG (prime / other): G1 / -  
G: yes U:  
MCC: USAI, Paolino  
rapporteur: MUELLER, Frank  
Telefon AB LM Ericsson

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0  
edito 2001-10-01 4 . 0 . 1

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Rel-4 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4  
WG (prime / other):  
freeze\_meeting: SP-11

G3new/ S1 / NP / T2 / SCP

rappporteur: HU, Shicheng

ETSI Secretariat

remarks - general: 2001-11-19: G4->G5.

G: yes U:

MCC: BAEV, Stoyan

remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

### history (event, available, version, comments, hyperlink):

conversion from 11.10-1 v9.0.1	2000-08-01	4	.	0	.	1
edito	2000-10-24	4	.	0	.	2
GP-02	2000-12-01	4	.	1	.	0
edito to correct	2000-12-01	4	.	1	.	1
Release						
edito	2001-01-17	4	.	1	.	2
GP-03	2001-01-22	4	.	2	.	0
GP-04	2001-04-11	4	.	3	.	0
GP-05	2001-06-05	4	.	4	.	0
GP-06	2001-08-31	4	.	5	.	0
GP-07	2002-01-09	4	.	6	.	0
GP-08	2002-02-26	4	.	7	.	0
GP-09	2002-05-03	4	.	8	.	0
GP-10	2002-07-19	4	.	9	.	0
GP-11	2002-09-20	4	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

**TS 51.010-2** Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification  
Rel-4 current version: 4.7.0  
freeze\_meeting: SP-14  
WG (prime / other): G3new/ S1 / rapporteur: HU, Shicheng  
NP / T2 / SCP ETSI Secretariat

G: yes U: BAEV, Stoyan  
MCC: remarks - this release:

remarks - general: 2001-11-19: G4->G5.

history (event, available, version, comments, hyperlink):

GP-02				1 . 0 . 0
GP-04	2001-04-11			4 . 0 . 0
GP-05	2001-06-05			4 . 1 . 0
GP-06	2001-08-31			4 . 2 . 0
GP-07	2002-01-09			4 . 3 . 0
GP-07 minor editorial	2002-01-18			4 . 3 . 1
GP-08	2002-02-26			4 . 4 . 0
GP-09	2002-04-29			4 . 5 . 0
GP-10	2002-07-03			4 . 6 . 0
GP-11	2002-09-19			4 . 7 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series) ACTIVE specs Rel-4 51 .- series

## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4  
current version: 4.8.0  
freeze\_meeting: SP-11

rappporteur: HU, Shicheng ETSI Secretariat

WG (prime / other): G3new/ S1 / NP / T2 / SCP

G: yes U:

MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5.

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-01	2000-09-06	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
GP-02	2000-11-30	4	.	1	.	0
GP-05	2001-06-28	4	.	2	.	0
GP-06	2001-09-14	4	.	3	.	0
GP-07	2002-01-21	4	.	4	.	0
GP-08	2002-02-19	4	.	5	.	0
GP-09	2002-04-29	4	.	6	.	0
GP-10	2002-07-19	4	.	7	.	0
GP-14	2003-04-29	4	.	8	.	0

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## TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4  
current version: 0.0.1  
freeze\_meeting: SP-14

WG (prime / other): T3 / G3new

rappporteur: HU, Shicheng ETSI Secretariat

G: yes U:

MCC: THOMASEN, Gert

remarks - general: 2001-11-19: G4->G5. TP-14: may be tferred to T3. TP-17: Withdrawn, because doc was in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears). 2003-07-15: Unwithdrawn - see comments against Rel-4.

remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Dietze indicates that Rel-4 will eventually be produced, so this Release reinstated (though existing so-called draft v0.0.1 is still scrapped).

history (event, available, version, comments, hyperlink):

TP-14	2002-01-02	0	.	0	.	1
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TP17: the previous doc turned out to be a sort of draft CR for R99 (11.10-4). 2003-07-15: Dietze indicates that a Rel-4 will be required, so this Release reinstated, but this version 0.0.1 remains scrapped.

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

WG (prime / other): T3 / -

freeze\_meeting: SP-11

rappporteur: GUTHERY, Scott B. Mobile-Mind Inc.

MCC: THOMASEN, Gert

remarks - general: TP-14: talk of changing title to "Characteristics of the SIM application".  
remarks - this release: TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems to be open.  
TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!

### history (event, available, version, comments, hyperlink):

TP-11	2001-04-09	4	.	0	.	0		<a href="#">get it</a>
TP-12	2001-07-06	4	.	1	.	0		<a href="#">get it</a>
TP-13	2001-10-11	4	.	2	.	0		<a href="#">get it</a>
TP-14	2002-01-17	4	.	3	.	0		<a href="#">get it</a>
TP-16	2002-06-25	4	.	4	.	0		<a href="#">get it</a>
TP-17	2002-09-18	4	.	5	.	0		<a href="#">get it</a>
TP-18	2003-01-02	4	.	6	.	0		<a href="#">get it</a>
TP-19	2003-04-04	4	.	7	.	0		<a href="#">get it</a>
TP-20	2003-06-23	4	.	8	.	0		<a href="#">get it</a>
TP-21	2003-09-29	4	.	9	.	0		<a href="#">get it</a>
TP-22	2004-01-12	4	.	10	.	0		<a href="#">get it</a>
TP-23	2004-03-26	4	.	11	.	0		<a href="#">get it</a>
TP-24	2004-06-15	4	.	12	.	0		<a href="#">get it</a>
TP-26	2005-01-03	4	.	13	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.013 Rel-4

### Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

current version: 4.2.0  
freeze\_meeting: TP-19  
WG (prime / other): T3 / -  
rapporteur: BEGASSAT, Christophe Axalto S.A.  
MCC: THOMASEN, Gert

#### remarks - general:

remarks - this release: TP-15: New WI approved in TP-020029.

#### history (event, available, version, comments, hyperlink):

TP-16	2002-06-26	1	0	0	0	TP-020128	<a href="#">get it</a>
TP-17	2002-09-23	2	0	0	0	TP-020220. Doc has been created without CRs and with no Change History beyond 11.13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.	<a href="#">get it</a>

TP-19 2003-04-04 4 . 0 . 0 Created with CR to 11.13 R99  
replace Annex E 2003-04-16 4 . 0 . 1  
with correct file

TP-22	2004-01-12	4	1	0	0		<a href="#">get it</a>
TP-26	2005-01-03	4	2	0	0		<a href="#">get it</a>

## TS 51.014 Rel-4

### Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface

current version: 4.5.0  
freeze\_meeting: SP-11  
WG (prime / other): T3 / -  
rapporteur: DUBOIS, Christophe Axalto S.A.  
MCC: THOMASEN, Gert

#### remarks - general:

remarks - this release: RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99). TP-26: no promotion to Rel-5 or beyond needed

#### history (event, available, version, comments, hyperlink):

TP-18	2003-01-02	4	0	0	0		<a href="#">get it</a>
TP-19	2003-04-04	4	1	0	0		<a href="#">get it</a>
TP-21	2003-09-29	4	2	0	0		<a href="#">get it</a>
TP-22	2004-01-12	4	3	0	0		<a href="#">get it</a>
TP-25	2004-09-23	4	4	0	0		<a href="#">get it</a>
TP-26	2005-01-03	4	5	0	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.021 Base Station System (BSS) equipment specification; Radio aspects

WG (prime / other): G1 / -

rapporteur: BUSIN, Ake

current version: 4.4.0

MCC: USAI, Paolino

freeze\_meeting: SP-13

Telefon AB LM Ericsson

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-07	2002-01-11	4	.	0	.	0
GP-10	2002-07-19	4	.	1	.	0
GP-12	2003-01-03	4	.	2	.	0
GP-13	2003-02-21	4	.	3	.	0
GP-15	2003-07-11	4	.	4	.	0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 51.026 GSM Repeater Equipment Specification

WG (prime / other): G1 / -

rapporteur: ANDERSEN, Niels Peter

current version: 4.0.0

MCC: Skov

freeze\_meeting: SP-13

USAI, Paolino

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

post-GP-07	2002-01-23	4	.	0	.	0
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[get it](#)

Rel-4 52 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-09

G1 / S5 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
USAI, Paolino

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-09 2002-05-06 4 . 0 . 0 [get it](#)

---

## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-13

S5 / - rapporteur: TOCHE, Christian  
ZOICAS, Adrian

G: yes U:

MCC:

remarks - this release:

remarks - general: SP-13: replaces 32.402.

history (event, available, version, comments, hyperlink):

SP-13 2001-10-05 4 . 0 . 0 formerly 32.402

SP-16 2002-06-20 4 . 1 . 0 [get it](#)

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Rel-4 55 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series) ACTIVE specs Rel-4 55 .- series

**TS 55.216**  
Rel-4

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A

One

Indicate persons who left Company and wait for new

One

*G:* yes *U:*

*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

**TS 55.217**  
Rel-4

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A

One

Indicate persons who left Company and wait for new

One

*G:* yes *U:*

*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

**TS 55.218**  
Rel-4

**Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 /  
*rappporteur:* N, A

One

Indicate persons who left Company and wait for new

One

*G:* yes *U:*

*MCC:* POPE, Maurice

*remarks - general:* 2003-09-30: Note: document only available with French export licence.

*remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Rel-4 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

TR 55.919 Rel-4 **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
current version: none  
freeze\_meeting: SP-26  
WG (prime / other): S3 / rapporteur: N, A  
MCC: POPE, Maurice  
One  
Indicate persons who left Company and wait for new

remarks - general: 2003-09-30: Note: document only available with French export licence. remarks - this release: Fill in of missing Release

history (event, available, version, comments, hyperlink):

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## R99

R99 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series) ACTIVE specs R99 01 .- series

## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

WG (prime / other): SP / -

freeze\_meeting: SP-06

remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

rapporteur: MEREDITH, John M

MCC: POPE, Maurice

ETSI Secretariat

SP / -

remarks - this release:

G: yes U:

### history (event, available, version, comments, hyperlink):

draft	1999-08-01	0	0	0	<a href="#">get it</a>
draft	1999-08-01	0	0	1	<a href="#">get it</a>
mods to draft	1999-09-01	0	0	2	<a href="#">get it</a>
more mods	1999-09-07	0	0	3	<a href="#">get it</a>
WOME crmts included	1999-09-15	0	1	0	<a href="#">get it</a>
Becomes T2/smg4 responsibility	1999-09-21	0	2	0	<a href="#">get it</a>
draft	2000-08-04	0	3	0	<a href="#">get it</a>
editorials	1999-10-01	0	3	0	<a href="#">get it</a>
align with 21.101	1999-10-07	0	4	0	<a href="#">get it</a>
smg-30	1999-11-11	1	0	0	<a href="#">get it</a>
align with 21.101	1999-11-30	1	1	0	<a href="#">get it</a>
smg-31b		2	0	0	<a href="#">get it</a>
smg-32	2000-06-20	8	0	0	<a href="#">get it</a>
SP-10	2001-01-04	8	1	0	<a href="#">get it</a>
SP-12	2001-07-05	8	2	0	<a href="#">get it</a>
SP-13	2001-10-01	8	3	0	<a href="#">get it</a>
SP-14	2002-01-03	8	4	0	<a href="#">get it</a>
SP-15	2002-03-27	8	5	0	<a href="#">get it</a>
SP-16	2002-06-19	8	6	0	<a href="#">get it</a>
SP-17	2002-09-18	8	7	0	<a href="#">get it</a>
SP-18	2003-01-03	8	8	0	<a href="#">get it</a>
SP-19	2003-03-27	8	9	0	<a href="#">get it</a>
SP-20	2003-06-25	8	10	0	<a href="#">get it</a>
SP-21	2003-09-26	8	11	0	<a href="#">get it</a>
editorial	2003-09-30	8	11	1	<a href="#">get it</a>
SP-23	2004-04-02	8	12	0	<a href="#">get it</a>
SP-24	2004-06-24	8	13	0	<a href="#">get it</a>
SP-25	2004-09-29	8	14	0	<a href="#">get it</a>
SP-26	2005-01-04	8	15	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

## TR 01.04 Abbreviations and acronyms

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): GP / - rapporteur: CLAYTON, Michael  
G: yes U: USAI, Paolino EMCOM Ltd

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
upgrade to R99 2000-05-10 8 . 0 . 0

[get it](#)

---

## TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
G: yes U: POPE, Maurice

MCC:  
remarks - this release:

Indicate persons who left Company and wait for new  
One

history (event, available, version, comments, hyperlink):  
Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

---

## TR 01.33 Lawful Interception requirements for GSM

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie  
G: yes U: POPE, Maurice

MCC:  
remarks - this release:

MOTOROLA GmbH

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

WG (prime / other): S3 / - rapporteur: WALKER, Michael VODAFONE Group Plc

G: yes U:

MCC:

POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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R99

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.09 Security aspects

current version: 8.0.1

freeze\_meeting: SP-06

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

ETSI publication 2001-06-05 8 . 0 . 1

WG (prime / other): S3 / S1 / NP

rapporteur: CHRISTOFFERSSON, Per TeliaSonera AB

G: yes U:

MCC:

POPE, Maurice

remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): T3 / S1

rappporteur: HOOKER, Philip

MCC: THOMASEN, Gert

G: yes U:

ORANGE PCS LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0

[get it](#)

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## TS 02.19

R99  
current version: 8.0.0  
freeze\_meeting: SP-12

remarks - general: SMG9->T3@#31

WG (prime / other): T3 / -

rappporteur: DIETRICH, Christian

MCC: THOMASEN, Gert

Axalto S.A.

remarks - this release: Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!

history (event, available, version, comments, hyperlink):

TP-12 2002-02-01 8 . 0 . 0 delayed awaiting 11.14

[get it](#)

---

## TS 02.33

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S3 /

rappporteur: MCKIBBEN, Bernie

MCC: POPE, Maurice

MOTOROLA GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-04-14 8 . 0 . 0

ETSI publication 2001-06-05 8 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.43 Support of Localised Service Area (SoLSA); Service description; Stage 1

R99 current version: 8.0.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 /

rappporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release: TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version too!

history (event, available, version, comments, hyperlink):

SP-11 2001-05-02 8 . 0 . 0

[get it](#)

---

## TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1

R99 current version: 8.0.0

freeze\_meeting: SP-06

remarks - general: SMG9->T3@#31

WG (prime / other): T3 / S3

rappporteur: BARNES, Nigel

MCC: THOMASEN, Gert

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-05-17 8 . 0 . 0

[get it](#)

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## TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R99 current version: 8.0.1

freeze\_meeting: SP-06

remarks - general: SMG11->S4 at SMG#30

WG (prime / other): S4 /

rappporteur: NAVARRO, William

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - this release: Nov-00: Created to fill the gap.

history (event, available, version, comments, hyperlink):

upgrade to R99 2000-11-16 8 . 0 . 0

ETSI publication 2001-07-20 8 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

WG (prime / other): S1 / - rapporteur: POIRAUD, Patrick  
ALCATEL S.A.

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-05-01 8 . 0 . 0

ETSI publication 2000-10-17 8 . 0 . 1

[get it](#)

[get it](#)

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-11-30 8 . 0 . 0

SP-10 2001-01-12 8 . 1 . 0

[get it](#)

[get it](#)

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - this release: . TSG#10:8.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-05-10 8 . 0 . 0

ETSI publication 2000-10-17 8 . 0 . 1

SP-10 2001-01-12 8 . 1 . 0

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:04:54

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.76 Noise Suppression for the AMR

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: TELECOM ITALIA S.p.A.

MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 2 . 0 . 0

SP-07 2000-03-17 8 . 0 . 0

ETSI publication 2002-07-30 8 . 0 . 1 ETSI publication only - 3GPP use 8.0.0  
(not for 3GPP server) [get it](#)  
[get it](#)

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## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
G: yes U: EMCOM Ltd

MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 8 . 0 . 0 [get it](#)

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R99 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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**TR 03.05 Technical performance objectives**

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): NP / -  
G: yes U:

rappporteur: BOSWARTHICK, David  
MCC: BOSWARTHICK, David

ETSI Secretariat

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

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**TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types**

R99  
current version: 8.3.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N3 / -  
G: yes U:

rappporteur: HAN, Seung Don  
MCC: HAN, Seung Don

KT Freetel Co., Ltd.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0  
NP-06 1999-12-17 8 . 1 . 0  
NP-09 2000-10-18 8 . 2 . 0  
NP-10 2000-12-21 8 . 3 . 0

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**TS 03.13 Discontinuous Reception (DRX) in the GSM System**

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): G1 / -  
G: yes U:

rappporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-29 8 . 0 . 0

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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.19 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card

WG (prime / other): T3 / -

G: yes U:

rapporteur: DIETRICH, Christian

MCC: THOMASEN, Gert

Axalto S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2001-07-27 8 . 0 . 0  
TP-11 2001-07-27 8 . 1 . 0  
TP-12 2001-07-27 8 . 2 . 0  
TP-14 2002-01-17 8 . 3 . 0  
TP-16 2002-06-19 8 . 4 . 0  
editorial post TP-16 2002-08-14 8 . 4 . 1  
TP-17 2002-09-27 8 . 5 . 0

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## TS 03.20 Security-related network functions

current version: 8.1.0

freeze\_meeting: SP-06

WG (prime / other): S3 / NP / GP  
rapporteur: NGUYEN NGOC, Sebastien

MCC: POPE, Maurice

France Telecom

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30 1999-11-24 8 . 0 . 0  
smg-32 2000-06-20 8 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series) ACTIVE specs R99 03 .- series

## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

R99 current version: 8.7.0

freeze\_meeting: SP-06

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov  
USAI, Paolino

MCC:

G: yes U:

remarks - this release:

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
GP-03	2001-02-15	8	.	4	.	0
GP-05	2001-06-29	8	.	5	.	0
GP-10	2002-07-19	8	.	6	.	0
GP-11	2002-09-19	8	.	7	.	0

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## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R99 current version: 8.0.0

freeze\_meeting: SP-06

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov  
USAI, Paolino

MCC:

G: yes U:

remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

Upgrade to R99	2000-03-29	8	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.30 Radio Network Planning Aspects

R99  
current version: 8.3.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): GP / - rapporteur: TEGTH, Ulf  
G: yes U: USAI, Paolino  
TeliaSonera AB

remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31: 8.3.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0  
smg-30 1999-11-11 8 . 1 . 0  
smg-30b 1999-12-06 8 . 2 . 0  
smg-31 2000-02-16 8 . 3 . 0

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## TS 03.33 Lawful Interception; Stage 2

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie  
G: yes U: POPE, Maurice  
MOTOROLA GmbH

remarks - this release: TSG#10:8.1.0

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0  
SP-10 2000-12-21 8 . 1 . 0

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
KT Freetel Co., Ltd.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0  
ETSI publication 2001-10-30 8 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R99 current version: 8.0.1

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N3 / -

rappporteur: HAN, Seung Don

MCC: HAN, Seung Don

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-06 1999-12-17 8 . 0 . 0 (source Klehn)

ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use. [get it](#)

## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 current version: 8.8.0

freeze\_meeting: SP-06

remarks - general: SMG9->T3@#31

WG (prime / other): T3 / -

rappporteur: BARNES, Nigel

MCC: THOMASEN, Gert

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0

smg-30 1999-11-11 8 . 1 . 0

smg-31 2000-02-16 8 . 2 . 0

TP-08 2000-06-28 8 . 3 . 0

TP-09 2000-10-18 8 . 4 . 0

TP-11 2001-04-09 8 . 5 . 0

TP-12 2001-07-06 8 . 6 . 0

TP-13 2001-10-12 8 . 7 . 0

TP-14 2002-01-17 8 . 8 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99  
WG (prime / other): S4 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - general: freeze\_meeting: SP-06  
remarks - this release: #32.8.1.0

### history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-29 8 . 0 . 0  
ETSI publication 2000-09-22 8 . 0 . 1  
smg-32 2000-06-20 8 . 1 . 0  
ETSI publication 2000-11-29 8 . 1 . 1

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## TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R99  
WG (prime / other): G1 / -  
G: yes U:  
rapporteur: GIRAUD, Alexis  
MCC: USAI, Paolino  
ALCATEL S.A.  
remarks - general: freeze\_meeting: SP-06  
remarks - this release:

### history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-29 8 . 0 . 0  
ETSI publication 2000-09-29 8 . 0 . 1

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[get it](#)

## TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R99  
(EUROPE)  
WG (prime / other): S4 / NP / S2  
G: yes U:  
rapporteur: FAUCONNIER, Denis  
MCC: USAI, Paolino  
NORTEL NETWORKS  
remarks - general: freeze\_meeting: SP-06  
Mar00: prime responsibility txfrd to SMG11  
remarks - this release:

### history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.55 Dual Transfer Mode (DTM); Stage 2

R99  
current version: 8.4.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / G2 rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc

G: yes U: Jose Luis USAI, Paolino  
MCC: USAI, Paolino

remarks - general: 2003-10-09: Converted from TR to TS.

remarks - this release: GERAN#2: 8.0.0

history (event, available, version, comments, hyperlink):

GP-02 2001-01-05 8 . 0 . 0 [get it](#)

GP-16 2003-09-12 8 . 1 . 0 [get it](#)

Conversion to TS 2003-10-10 8 . 1 . 1 Illogical to be a TR, and 43.055 is a TS!

(was TR)

GP-21 2004-09-20 8 . 2 . 0 [get it](#)

GP-22 2004-12-02 8 . 3 . 0 [get it](#)

GP-23 2005-02-11 8 . 4 . 0 [get it](#)

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## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: MONFORT, Jean-Yves France Telecom

G: yes U: USAI, Paolino  
MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime / other): G1 / -

G: yes U:

rappporteur: LEPPISAARI, Aito

MCC: USAI, Paolino

NOKIA Corporation

remarks - general: freeze\_meeting: SP-06

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
smg-32	2000-06-20	8	.	5	.	0
GP-01	2000-10-09	8	.	6	.	0
GP-03	2001-02-15	8	.	7	.	0
GP-04	2001-04-20	8	.	8	.	0
GP-07	2002-01-04	8	.	9	.	0
GP-08	2002-02-19	8	.	10	.	0
GP-14	2003-04-25	8	.	11	.	0
GP-19	2004-05-06	8	.	12	.	0

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## TS 03.68 Voice Group Call Service (VGCS); Stage 2

WG (prime / other): N1 / -

G: yes U:

Nortel Networks (USA)

rappporteur: GARAPATY, Sonia

MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31	2000-02-16	8	.	0	.	0
NP-07	2000-03-17	8	.	1	.	0
smg-32	2000-06-20	8	.	2	.	0
NP-21	2003-10-10	8	.	3	.	0
NP-25	2004-09-27	8	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R99  
current version: 8.4.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N1 / -  
G: yes U:  
rapporteur: MÜNNING, Dirk  
MCC: JURISIC, Andrijana  
DETECON GMBH

remarks - this release: TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0

history (event, available, version, comments, hyperlink):

smg-31	2000-02-16	8	.	0	.	0
NP-07	2000-03-17	8	.	1	.	0
smg-32	2000-06-20	8	.	2	.	0
NP-21	2003-10-13	8	.	3	.	0
NP-25	2004-09-27	8	.	4	.	0

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## TS 03.71 Location Services (LCS); Functional description; Stage 2

R99  
current version: 8.9.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S2 / -  
G: yes U:  
rapporteur: BROOK, Richard  
MCC: BOSWARTHICK, David  
NORTEL NETWORKS (EUROPE)

remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.

history (event, available, version, comments, hyperlink):

Upgrade to R99	2000-06-30	8	.	0	.	0
SP-11	2001-04-11	8	.	1	.	0
SP-12	2001-06-29	8	.	2	.	0
SP-13	2001-10-15	8	.	3	.	0
SP-14	2002-01-07	8	.	4	.	0
SP-15	2002-04-02	8	.	5	.	0
SP-16	2002-06-17	8	.	6	.	0
SP-17	2002-09-24	8	.	7	.	0
SP-23	2004-04-01	8	.	8	.	0
SP-24	2004-06-23	8	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 current version: 8.0.0

freeze\_meeting: SP-16

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.

remarks - this release: SP-16: 23.073 reverts to GERAN-only.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 8 . 0 . 0 technically identical to 23.073 v3.0.1 [get it](#)

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## R99 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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### TS 04.01

R99 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles  
current version: 8.0.0 WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: SP-06

G: yes U: MCC: JURISIC, Andrijana

remarks - general: remarks - this release: #31: 8.0.0

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R99 *current version:* 8.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*freeze\_meeting:* SP-06

G: yes U: *MCC:* THOMASEN, Gert

*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0  
ETSI publication 2001-09-07 8 . 0 . 1  
edito 2002-06-17 8 . 0 . 2

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## TS 04.04 Layer 1 - General Requirements

R99 *current version:* 8.1.2 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG

*freeze\_meeting:* SP-06

G: yes U: *MCC:* THOMASEN, Gert

*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0  
smg-30b 1999-12-06 8 . 1 . 0  
ETSI publication 2001-09-07 8 . 1 . 1  
edito 2002-06-17 8 . 1 . 2

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## TS 04.05 Data Link (DL) Layer General Aspects

R99 *current version:* 8.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*freeze\_meeting:* SP-06

G: yes U: *MCC:* THOMASEN, Gert

*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-03-30 8 . 0 . 0  
ETSI publication 2000-09-22 8 . 0 . 1  
edito 2002-06-17 8 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R99 current version: 8.2.1 freeze\_meeting: SP-06 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

WG (prime / other): G2 / -

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0  
ETSI publication 2000-09-29 8 . 0 . 1  
GP-03 2001-01-31 8 . 1 . 0  
edito 2001-01-31 8 . 1 . 1  
GP-08 2002-02-19 8 . 2 . 0  
edito 2002-06-17 8 . 2 . 1

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## TS 04.08 Mobile radio interface layer 3 specification

R99 current version: 8.0.0

freeze\_meeting: SP-06

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U:

MCC:

JURISIC, Andrijana

remarks - general:

04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!

history (event, available, version, comments, hyperlink):

smg-29 2000-06-30 8 . 0 . 0

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## TS 04.12 Short Message Service Cell Broadcast (SMS-SCB) Support on the Mobile Radio Interface

R99 current version: 8.0.0

freeze\_meeting: GP-04

WG (prime / other): G2 / T2 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release: Replaces 24.012 R99.

history (event, available, version, comments, hyperlink):

GP-04 2001-04-24 8 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.13 Performance Requirements on Mobile Radio Interface

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N1 / -  
G: yes U: DAWES, Peter  
rapporteur: JURISIC, Andrijana  
MCC: VODAFONE LTD  
remarks - this release: #31: 8.0.0

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publication 2000-08-29 8 . 0 . 1

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## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R99  
current version: 8.6.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): G2 / -  
G: yes U: HOWELL, Andrew  
rapporteur: THOMASEN, Gert  
MCC: MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0  
smg-32 2000-06-20 8 . 1 . 0  
GP-04 2001-04-24 8 . 2 . 0  
GP-05 2001-06-18 8 . 3 . 0  
GP-10 2002-07-19 8 . 4 . 0  
GP-15 2003-07-10 8 . 5 . 0  
GP-20 2004-07-23 8 . 6 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 current version: 8.25.0  
freeze\_meeting: SP-06

reporteur: HOWELL, Andrew  
MCC: THOMASEN, Get

G2 / -

rapporteur: HOWELL, Andrew  
MCC: THOMASEN, Get

MOTOROLA Ltd

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 2 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 3 . 0	<a href="#">get it</a>
ETSI publication	2000-10-05	8 . 3 . 1	<a href="#">get it</a>
smg-31b	2000-04-17	8 . 4 . 0	<a href="#">get it</a>
ETSI publication	2000-10-17	8 . 4 . 1	<a href="#">get it</a>
smg-32	2000-06-20	8 . 5 . 0	<a href="#">get it</a>
GP-01	2000-10-11	8 . 6 . 0	<a href="#">get it</a>
GP-02	2000-12-21	8 . 7 . 0	<a href="#">get it</a>
GP-03	2001-01-31	8 . 8 . 0	<a href="#">get it</a>
GP-04	2001-05-04	8 . 9 . 0	<a href="#">get it</a>
GP-05	2001-06-18	8 . 10 . 0	<a href="#">get it</a>
GP-06	2001-09-10	8 . 11 . 0	<a href="#">get it</a>
GP-07	2002-01-08	8 . 12 . 0	<a href="#">get it</a>
GP-08	2002-02-19	8 . 13 . 0	<a href="#">get it</a>
GP-09	2002-05-02	8 . 14 . 0	<a href="#">get it</a>
GP-10	2002-07-19	8 . 15 . 0	<a href="#">get it</a>
GP-11	2002-09-16	8 . 16 . 0	<a href="#">get it</a>
GP-12	2002-12-17	8 . 17 . 0	<a href="#">get it</a>
GP-13	2003-02-21	8 . 18 . 0	<a href="#">get it</a>
GP-15	2003-07-10	8 . 19 . 0	<a href="#">get it</a>
GP-17	2003-12-05	8 . 20 . 0	<a href="#">get it</a>
GP-18	2004-02-23	8 . 21 . 0	<a href="#">get it</a>
GP-19	2004-05-06	8 . 22 . 0	<a href="#">get it</a>
GP-20	2004-07-23	8 . 23 . 0	<a href="#">get it</a>
GP-21	2004-09-04	8 . 24 . 0	<a href="#">get it</a>
GP-23	2005-02-11	8 . 25 . 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

WG (prime / other): N3 / -

G: yes U:

rappporteur: RÄSÄNEN, Juha

HAN, Seung Don

MCC: NOKIA Corporation

remarks - this release: #29: 8.0.0 TSG#8.8.1.0 TSG#9.8.2.0 TSG#10.8.3.0

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0
NP-08	2000-06-28	8	.	1	.	0
NP-09	2000-10-18	8	.	2	.	0
NP-10	2000-12-21	8	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.31** Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)  
R99 current version: 8.17.0

WG (prime / other): G2 / - rapporteur: GARAPATY, Sonia  
G: yes U: MCC: THOMASEN, Gert

Nortel Networks (USA)

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0  
smg-31b 2000-04-17 8 . 1 . 0  
GP-02 2000-11-30 8 . 2 . 0  
GP-03 2001-01-31 8 . 3 . 0  
GP-04 2001-05-04 8 . 4 . 0  
GP-05 2001-06-18 8 . 5 . 0  
GP-06 2001-09-14 8 . 6 . 0  
GP-07 2002-01-08 8 . 7 . 0  
GP-08 2002-02-19 8 . 8 . 0  
GP-09 2002-05-02 8 . 9 . 0  
GP-10 2002-07-19 8 . 10 . 0  
GP-16 2003-09-12 8 . 11 . 0  
GP-18 2004-02-23 8 . 12 . 0  
GP-19 2004-05-06 8 . 13 . 0  
GP-20 2004-07-23 8 . 14 . 0  
GP-21 2004-09-04 8 . 15 . 0  
GP-22 2004-11-29 8 . 16 . 0  
GP-23 2005-02-11 8 . 17 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.35 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

WG (prime / other): G2 / -

rappporteur: GARAPATY, Sonia

Nortel Networks (USA)

G: yes U:

freeze\_meeting: SP-06

remarks - general:

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0  
smg-31b 2000-04-17 8 . 1 . 0  
GP-01 2000-10-11 8 . 2 . 0  
GP-03 2001-01-31 8 . 3 . 0  
GP-07 2002-01-08 8 . 4 . 0  
edito 2002-06-17 8 . 4 . 1

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## TS 04.56 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

WG (prime / other): N1 / -

rappporteur: HUPPERICH, Peter

ALCATEL S.A.

G: yes U:

freeze\_meeting: SP-06

remarks - general:

MCC: JURISIC, Andrijana

ALCATEL S.A.

remarks - this release: #31: 8.0.0

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publication 2000-08-29 8 . 0 . 1

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## TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS supervising system Layer 3 Specification

WG (prime / other): N1 / -

rappporteur: HUPPERICH, Peter

ALCATEL S.A.

G: yes U:

freeze\_meeting: SP-06

remarks - general:

MCC: JURISIC, Andrijana

ALCATEL S.A.

remarks - this release: #31: 8.0.0

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publication 2000-08-29 8 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.60** General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

R99 current version: 8.26.0

freeze\_meeting: SP-06

rapporteur: HOWELL, Andrew

WG (prime / other): G2 / -

MCC: THOMASEN, Get

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	. 0	. 0	<a href="#">get it</a>	
smg-30	1999-11-11	8	. 1	. 0	<a href="#">get it</a>	
smg-30b	1999-12-06	8	. 2	. 0	<a href="#">get it</a>	
smg-31	2000-02-16	8	. 3	. 0	<a href="#">get it</a>	
ETSI publication	2000-10-05	8	. 3	. 1	<a href="#">get it</a>	
smg-31b	2000-04-17	8	. 4	. 0	<a href="#">get it</a>	
ETSI publication	2000-10-17	8	. 4	. 1	<a href="#">get it</a>	
smg-32	2000-06-20	8	. 5	. 0	<a href="#">get it</a>	
GP-01	2000-10-11	8	. 6	. 0	<a href="#">get it</a>	
GP-02	2000-11-27	8	. 7	. 0	<a href="#">get it</a>	
GP-03	2001-01-31	8	. 8	. 0	<a href="#">get it</a>	
GP-04	2001-05-04	8	. 9	. 0	<a href="#">get it</a>	
GP-05	2001-06-29	8	. 10	. 0	<a href="#">get it</a>	
GP-06	2001-09-14	8	. 11	. 0	<a href="#">get it</a>	
GP-07	2002-01-07	8	. 12	. 0	<a href="#">get it</a>	
edito	2002-01-08	8	. 12	. 1	<a href="#">get it</a>	
GP-08	2002-02-19	8	. 13	. 0	<a href="#">get it</a>	
GP-09	2002-05-03	8	. 14	. 0	<a href="#">get it</a>	
edito post	GP-09	2002-05-28	8	. 14	. 1	<a href="#">get it</a>
GP-10	2002-07-19	8	. 15	. 0	<a href="#">get it</a>	
GP-11	2002-09-16	8	. 16	. 0	<a href="#">get it</a>	
GP-12	2002-12-17	8	. 17	. 0	<a href="#">get it</a>	
GP-14	2003-04-25	8	. 18	. 0	<a href="#">get it</a>	
GP-15	2003-07-10	8	. 19	. 0	<a href="#">get it</a>	
GP-16	2003-09-13	8	. 20	. 0	<a href="#">get it</a>	
GP-17	2003-12-05	8	. 21	. 0	<a href="#">get it</a>	
GP-18	2004-02-23	8	. 22	. 0	<a href="#">get it</a>	
GP-19	2004-05-06	8	. 23	. 0	<a href="#">get it</a>	
GP-20	2004-07-23	8	. 24	. 0	<a href="#">get it</a>	
GP-21	2004-09-04	8	. 25	. 0	<a href="#">get it</a>	
GP-23	2005-02-11	8	. 26	. 0	<a href="#">get it</a>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.64** **General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification**  
R99 *current version:* 8.7.0 *WG (prime / other):* N1 / - *rapporteur:* DOI:G, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-06 *MCC:* JURISIC, Andrijana

*remarks - general:* *U:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
Post SP-06	1999-12-17	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
NP-08	2000-06-22	8	.	4	.	0
NP-09	2000-10-12	8	.	5	.	0
NP-10	2001-01-02	8	.	6	.	0
NP-14	2002-01-04	8	.	7	.	0

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**TS 04.65** **General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**  
R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* DOI:G, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-06 *MCC:* JURISIC, Andrijana

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0
NP-09	2000-10-12	8	.	1	.	0
NP-13	2001-10-02	8	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.68 Group Call Control (GCC) Protocol

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
NP-07 2000-03-17 8 . 1 . 0

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## TS 04.69 Broadcast Call Control (BCC) protocol

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
NP-07 2000-03-17 8 . 1 . 0

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## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99  
current version: 8.4.0  
freeze\_meeting: SP-06

remarks - general:

Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter

G: yes U: Skov

QUALCOMM EUROPE S.A.R.L.

MCC: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0  
smg-31 2000-03-20 8 . 1 . 0  
GP-05 2001-06-18 8 . 2 . 0  
GP-07 2002-01-08 8 . 3 . 0  
edito 2002-06-17 8 . 3 . 1  
GP-10 2002-07-19 8 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

R99 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

R99 current version: 8.9.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: USAI, Paolino

NOKIA MOBILE PHONES

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-32	2000-06-20	8	.	4	.	0
GP-01	2000-10-09	8	.	5	.	0
GP-07	2002-01-04	8	.	6	.	0
GP-14	2003-04-25	8	.	7	.	0
GP-17	2003-12-05	8	.	8	.	0
GP-22	2004-12-02	8	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.11.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoit  
G: yes U: USAI, Paolino

MCC:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	1
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
ETSI publication	2000-10-24	8	.	4	.	1
smg-32	2000-06-20	8	.	5	.	0
ETSI publication	2003-08-22	8	.	5	.	1
GP-01	2000-10-09	8	.	6	.	0
GP-02	2000-11-24	8	.	7	.	0
GP-03	2001-02-15	8	.	8	.	0
GP-04	2001-04-20	8	.	9	.	0
GP-06	2001-10-01	8	.	10	.	0
GP-15	2003-07-11	8	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

**TS 05.03** Channel coding  
R99 current version: 8.9.0  
freeze\_meeting: SP-06  
remarks - general: U:  
WG (prime / other): G1 / - rapporteur: SEBIRE, Benoist NOKIA Corporation  
USAI, Paolino  
MCC:  
remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31: 8.3.0 #31b: 8.3.0 #32: 8.5.0 GERAN#2: 8.6.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0  
smg-30 1999-11-11 8 . 1 . 0  
smg-30b 1999-12-06 8 . 2 . 0  
smg-31 2000-02-16 8 . 3 . 0  
smg-31b 2000-04-17 8 . 4 . 0  
ETSI publication 2000-10-17 8 . 4 . 1  
smg-32 2000-06-20 8 . 5 . 0  
ETSI publication 2003-08-22 8 . 5 . 1  
GP-02 2000-11-24 8 . 6 . 0  
edito 2001-02-15 8 . 6 . 1  
GP-14 2003-04-25 8 . 7 . 0  
GP-22 2004-12-02 8 . 8 . 0  
GP-23 2005-02-11 8 . 9 . 0

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**TS 05.04** Modulation  
R99 current version: 8.4.0  
freeze\_meeting: SP-06  
remarks - general: U:  
WG (prime / other): G1 / - rapporteur: SEBIRE, Benoist NOKIA Corporation  
USAI, Paolino  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0  
smg-30b 1999-12-06 8 . 1 . 0  
edito 2000-12-02 8 . 1 . 1  
ETSI publication 2001-02-21 8 . 1 . 2  
GP-03 2001-02-15 8 . 2 . 0  
GP-05 2001-06-29 8 . 3 . 0  
GP-07 2002-01-04 8 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

R99 current version: 8.17.0

freeze\_meeting: SP-06

WG (prime / other): G1 / -

G: yes U:

rapporteur: SAMUELSSON, Mats

MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-09-29	8	.	3	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
ETSI publication	2003-08-22	8	.	4	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
ETSI publication	2003-08-22	8	.	5	.	1	<a href="#">get it</a>
GP-01	2000-10-10	8	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	7	.	0	<a href="#">get it</a>
edito	2000-11-30	8	.	7	.	1	<a href="#">get it</a>
GP-03	2001-02-15	8	.	8	.	0	<a href="#">get it</a>
GP-04	2001-04-20	8	.	9	.	0	<a href="#">get it</a>
GP-05	2001-06-29	8	.	10	.	0	<a href="#">get it</a>
GP-06	2001-10-01	8	.	11	.	0	<a href="#">get it</a>
GP-09	2002-05-06	8	.	12	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	13	.	0	<a href="#">get it</a>
GP-11	2002-09-19	8	.	14	.	0	<a href="#">get it</a>
GP-14	2003-04-25	8	.	15	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	16	.	0	<a href="#">get it</a>
GP-22	2004-12-02	8	.	17	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio subsystem link control

current version: 8.22.0

freeze\_meeting: SP-06

WG (prime / other): G1 / -

rapporteur: EL-SAIGH, Amer

MCC: USAI, Paolino

VODAFONE Group Plc

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
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smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
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smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
GP-01	2000-10-10	8	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	7	.	0	<a href="#">get it</a>
edito	2000-11-30	8	.	7	.	1	<a href="#">get it</a>
GP-03	2001-02-15	8	.	8	.	0	<a href="#">get it</a>
GP-04	2001-04-20	8	.	9	.	0	<a href="#">get it</a>
GP-05	2001-06-29	8	.	10	.	0	<a href="#">get it</a>
GP-06	2001-10-01	8	.	11	.	0	<a href="#">get it</a>
GP-07	2002-01-04	8	.	12	.	0	<a href="#">get it</a>
GP-08	2002-02-19	8	.	13	.	0	<a href="#">get it</a>
GP-09	2002-05-06	8	.	14	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	15	.	0	<a href="#">get it</a>
GP-14	2003-04-25	8	.	16	.	0	<a href="#">get it</a>
GP-15	2003-07-11	8	.	17	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	18	.	0	<a href="#">get it</a>
GP-17	2003-12-05	8	.	19	.	0	<a href="#">get it</a>
GP-20	2004-07-09	8	.	20	.	0	<a href="#">get it</a>
GP-21	2004-09-20	8	.	21	.	0	<a href="#">get it</a>
GP-22	2004-12-02	8	.	22	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.09

### Link adaptation

current version: 8.5.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

USAI, Paolino

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31	2000-02-16	8	.	0	.	0
ETSI publication	2000-10-05	8	.	0	.	1
smg-32	2000-06-20	8	.	1	.	0
GP-02	2000-11-24	8	.	2	.	0
GP-03	2001-01-15	8	.	3	.	0
GP-06	2001-10-01	8	.	4	.	0
GP-07	2002-01-04	8	.	5	.	0

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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.10 Radio subsystem synchronization

current version: 8.12.0

freeze\_meeting: SP-06

WG (prime / other): G1 / -

rapporteur: JOKINEN, Harri

MCC: USAI, Paolino

G: yes U:

NOKIA MOBILE PHONES

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0  
[get it](#)  
smg-30b 1999-12-06 8 . 1 . 0  
[get it](#)  
smg-31 1999-02-16 8 . 2 . 0  
[get it](#)  
ETSI publication 2000-09-29 8 . 2 . 1  
[get it](#)  
smg-31b 2000-04-17 8 . 3 . 0  
[get it](#)  
smg-32 2000-06-20 8 . 4 . 0  
[get it](#)  
GP-01 2000-10-10 8 . 5 . 0  
[get it](#)  
GP-02 2000-11-24 8 . 6 . 0  
[get it](#)  
edito 2000-11-30 8 . 6 . 1  
[get it](#)  
GP-03 2001-02-15 8 . 7 . 0  
[get it](#)  
GP-04 2001-04-20 8 . 8 . 0  
[get it](#)  
GP-08 2002-02-19 8 . 9 . 0  
[get it](#)  
GP-10 2002-07-19 8 . 10 . 0  
[get it](#)  
GP-13 2003-02-21 8 . 11 . 0  
[get it](#)  
GP-16 2003-09-12 8 . 12 . 0  
[get it](#)

## TS 05.15

R99

### Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

WG (prime / other): G1 / -

rapporteur: ESCULIER, Carole

MCC: USAI, Paolino

G: yes U:

NORTEL NETWORKS (EUROPE)

remarks - general: Actually a back formation from 45.015 record.

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-22 2004-11-30 2 . 0 . 0  
[get it](#)  
GP-22 2004-12-02 8 . 0 . 0  
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ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TR 05.22 Radio link management in hierarchical networks

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: VAN BUSSEL, Han  
MCC: USAI, Paolino  
T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0

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## TR 05.50 Background for RF Requirements

R99  
current version: 8.2.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: ANDERSEN, Niels Peter  
MCC: USAI, Paolino  
Skov  
QUALCOMM EUROPE S.A.R.L.

remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0

smg-31 2000-02-16 8 . 1 . 0

smg-31b 2000-04-17 8 . 2 . 0

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## TS 05.56

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

### GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI Publication 2000-10-17 8 . 0 . 1

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

R99 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.01 Full Rate Speech Processing Functions

R99 current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino

TELECOM ITALIA S.p.A.  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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## TS 06.02 Half Rate Speech Processing Functions

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino

MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R99 current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino

MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

WG (prime / other): S4 / -  
G: yes U: rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino

MOTOROLA Ltd

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime / other): S4 / -  
G: yes U: rapporteur: SALEM, Tarek  
MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

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## TS 06.10 Full Rate Speech Transcoding

WG (prime / other): S4 / -  
G: yes U: rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino

PHILIPS Semiconductors

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
Editorial 2000-05-31 8 . 0 . 1  
smg-32 2000-06-20 8 . 1 . 0  
ETSI Publication 2000-11-30 8 . 1 . 1  
SP-12 2001-06-29 8 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / -

NAVARRO, William  
USAI, Paolino

rappporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / -

SERENO, Daniele  
USAI, Paolino

rappporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1  
SP-12 2001-06-29 8 . 1 . 0

## TS 06.20 Half Rate Speech Transcoding

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / -

AFTELAK, Steve  
USAI, Paolino

rappporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

WG (prime / other): S4 / -

G: yes U:

rappporteur: AFTELAK, Steve

MCC: USAI, Paolino

MOTOROLA Ltd

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI publication 2000-11-15 8 . 0 . 1

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## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

WG (prime / other): S4 / -

G: yes U:

rappporteur: AFTELAK, Steve

MCC: USAI, Paolino

MOTOROLA Ltd

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI Publication 2000-11-15 8 . 0 . 1

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

WG (prime / other): S4 / -

G: yes U:

rappporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI Publication 2000-11-15 8 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.32 Voice Activity Detection (VAD)

R99 current version: 8.0.1

freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new One

G: yes U:

MCC: USAI, Paolino  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI Publication 2000-11-15 8 . 0 . 1

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## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R99 current version: 8.0.1

freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
Indicate persons who left Company and wait for new One

MCC: USAI, Paolino

G: yes U:

MCC: USAI, Paolino  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI Publication 2000-11-15 8 . 0 . 1

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## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R99 current version: 8.0.1

freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new One

MCC: USAI, Paolino

G: yes U:

MCC: USAI, Paolino  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

ETSI Publication 2000-11-15 8 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.51 GSM Enhanced full rate speech processing functions: General description

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: NOKIA Corporation

freeze\_meeting: SP-06

remarks - general:

remarks - this release: #32.8.1.0 TSG#10.8.2.0

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publication 2000-11-15 8 . 0 . 1  
smg-32 2000-06-20 8 . 1 . 0  
ETSI publication 2000-11-30 8 . 1 . 1  
SP-10 2000-12-20 8 . 2 . 0

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## TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: NOKIA Corporation

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: NOKIA Corporation

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publication 2000-11-15 8 . 0 . 1  
smg-32 2000-06-20 8 . 1 . 0  
SP-10 2000-12-20 8 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: SALEM, Tarek  
G: yes U: USAI, Paolino T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-31 2000-02-16 8 . 0 . 0

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## TS 06.60 Enhanced full rate speech transcoding

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -  
G: yes U:

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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## TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report

WG (prime / other): S4 / -  
G: yes U:

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - this release:

remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title.

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 2 . 0 . 0  
SP-07 2000-03-17 8 . 0 . 0  
fix invisible figures 2002-01-10 8 . 0 . 1

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[get it](#)

---

## TS 06.77 Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder

WG (prime / other): S4 / -  
G: yes U:

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - this release:

remarks - general:

remarks - this release: #32:8.0.0 TSG#11:8.1.0

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 8 . 0 . 0  
SP-11 2001-04-10 8 . 1 . 0  
edito 2001-05-03 8 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TR 06.78 Results of the AMR noise suppression selection phase

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino

TELECOM ITALIA S.p.A.  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 8 . 0 . 0  
Addition of VAF C- 2003-04-04 8 . 0 . 1

Code tool

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino

NOKIA Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino

NOKIA Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R99 current version: 8.0.0  
freeze\_meeting: SP-06  
WG (prime / other): S4 / -  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

G: yes U:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

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## R99 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

### TS 08.01 General Aspects on the BSS-MSC Interface

R99 current version: 8.0.1  
freeze\_meeting: SP-06

WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
Skov

QUALCOMM EUROPE S.A.R.L.

remarks - general:

G: yes U:  
MCC: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
draft 2002-06-17 8 . 0 . 1

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# 3GPP specification status

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R99  
current version: 8.0.1  
freeze\_meeting: SP-06  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
edito 2002-06-17 8 . 0 . 1

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R99  
current version: 8.0.1  
freeze\_meeting: SP-06  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
edito 2002-06-17 8 . 0 . 1

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R99  
current version: 8.0.1  
freeze\_meeting: SP-06  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
edito 2002-06-17 8 . 0 . 1

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R99 current version: 8.15.0 freeze\_meeting: SP-06 rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
WG (prime / other): G2 / - MCC: THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
Fix graphics	2000-05-16	8	.	4	.	1
smg-32	2000-06-20	8	.	5	.	0
GP-01	2000-10-11	8	.	6	.	0
GP-02	2000-11-27	8	.	7	.	0
GP-03	2001-01-31	8	.	8	.	0
GP-04	2001-05-04	8	.	9	.	0
GP-06	2001-09-14	8	.	10	.	0
GP-07	2002-01-08	8	.	11	.	0
GP-08	2002-02-19	8	.	12	.	0
GP-10	2002-07-19	8	.	13	.	0
GP-15	2003-07-10	8	.	14	.	0
GP-16	2003-09-12	8	.	15	.	0

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## TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface: Gb Interface Layer 1

R99 current version: 8.0.1 freeze\_meeting: SP-06 rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
WG (prime / other): G2 / - MCC: THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31	2000-02-16	8	.	0	.	0
edito	2002-06-17	8	.	0	.	1

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

**TS 08.16** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service  
R99 current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:  
G: yes U: remarks - this release:  
MCC: THOMASEN, Gert

history (event, available, version, comments, hyperlink):  
smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
edito 2002-06-17 8 . 0 . 1 [get it](#)

**TS 08.18** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol  
R99 current version: 8.12.0  
freeze\_meeting: SP-06  
MOTOROLA Ltd  
G: yes U: THOMASEN, Gert  
MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-30 1999-11-11 8 . 0 . 0 [get it](#)  
smg-30b 1999-12-06 8 . 1 . 0 [get it](#)  
smg-31 2000-02-16 8 . 2 . 0 [get it](#)  
smg-31b 2000-04-17 8 . 3 . 0 [get it](#)  
GP-01 2000-10-11 8 . 4 . 0 [get it](#)  
GP-02 2000-11-30 8 . 5 . 0 [get it](#)  
edito 2001-01-23 8 . 5 . 1 [get it](#)  
GP-03 2001-01-31 8 . 6 . 0 [get it](#)  
GP-04 2001-05-04 8 . 7 . 0 [get it](#)  
GP-05 2001-06-18 8 . 8 . 0 [get it](#)  
GP-06 2001-10-05 8 . 9 . 0 [get it](#)  
GP-09 2002-05-06 8 . 10 . 0 [get it](#)  
GP-18 2004-02-23 8 . 11 . 0 [get it](#)  
GP-19 2004-05-06 8 . 12 . 0 [get it](#)

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha  
G: yes U: HAN, Seung Don NOKIA Corporation

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0		<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0		<a href="#">get it</a>
NP-09	2000-10-18	8	.	2	.	0		<a href="#">get it</a>
NP-10	2000-12-21	8	.	3	.	0		<a href="#">get it</a>
NP-11	2001-04-04	8	.	4	.	0		<a href="#">get it</a>

ETSI-format 8 . 4 . 1 ETSI publication only - 3GPP to use 8.4.0

publication

## TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99	2000-05-11	8	.	0	.	0		<a href="#">get it</a>
GP-05	2001-06-18	8	.	1	.	0		<a href="#">get it</a>
edito	2002-06-17	8	.	1	.	1		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

R99 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 8.0.1

freeze\_meeting: SP-06

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

edito 2002-06-17 8 . 0 . 1

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Principles

R99 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 8.0.1

freeze\_meeting: SP-06

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

edito 2002-06-17 8 . 0 . 1

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R99 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 8.0.1

freeze\_meeting: SP-06

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

edito 2002-06-17 8 . 0 . 1

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.56 BSC-BTS Layer 2; Specification

R99 current version: 8.0.1

freeze\_meeting: SP-06

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

edito 2002-06-17 8 . 0 . 1

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## TS 08.58 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification

R99 current version: 8.6.0

freeze\_meeting: SP-06

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release: #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0 GERAN#2:8.6.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0

smg-30 1999-11-11 8 . 1 . 0

smg-30 1999-11-11 8 . 2 . 0

smg-31 2000-02-16 8 . 3 . 0

smg-31b 2000-04-17 8 . 4 . 0

GP-01 2000-10-11 8 . 5 . 0

GP-02 2000-11-30 8 . 6 . 0

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R99 current version: 8.2.1 WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: SP-06

G: yes U: Skov  
MCC: USAI, Paolino

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release:  
> G1.

### history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 1 [get it](#)  
smg-30b 1999-12-06 8 . 1 . 0 [get it](#)  
ETSI publication 2001-10-30 8 . 1 . 1 [get it](#)  
GP-08 2002-02-19 8 . 2 . 0 [get it](#)  
replace corrupted 2003-01-24 8 . 2 . 1 [get it](#)  
figure 2.1

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## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R99 current version: 8.1.0 WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: SP-06

G: yes U: Skov  
MCC: USAI, Paolino

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release:  
> G1.

### history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#)  
GP-08 2002-02-19 8 . 1 . 0 [get it](#)

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ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.62 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R99  
current version: 8.0.1  
freeze\_meeting: SP-06  
remarks - general: SMG11->S4 at SMG#30

WG (prime / other): S4 / -  
G: yes U:

USAI, Paolino  
USAI, Paolino

TELECOM ITALIA S.p.A.

rapporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 8 . 0 . 0  
edito 2000-08-08 8 . 0 . 1

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## TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3

R99  
current version: 8.5.0  
freeze\_meeting: SP-06

WG (prime / other): G2 / -  
G: yes U:

ANDERSEN, Niels Peter  
Skov

QUALCOMM EUROPE S.A.R.L.

rapporteur:

MCC:

THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
smg-31b 2000-04-17 8 . 1 . 0  
GP-02 2000-11-30 8 . 2 . 0  
GP-06 2001-09-14 8 . 3 . 0  
GP-07 2002-01-08 8 . 4 . 0  
GP-08 2002-03-26 8 . 5 . 0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-07 2000-03-15 8 . 0 . 0

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## TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 current version: 8.2.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: MCC: JURISIC, Andrijana

remarks - this release: #31: 8.0.0 TSG#10:8.1.0

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

NP-10 2001-01-02 8 . 1 . 0

NP-19 2003-03-24 8 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

freeze\_meeting: SP-06

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31	2000-02-16	8	.	0	.	0	.	0
smg-31b	2000-04-17	8	.	1	.	0	.	0
smg-32	2000-06-20	8	.	2	.	0	.	0
GP-01	2000-09-01	8	.	3	.	0	.	0
GP-06	2001-09-14	8	.	4	.	0	.	0
GP-07	2002-01-08	8	.	5	.	0	.	0
GP-10	2002-07-19	8	.	6	.	0	.	0
GP-19	2004-05-06	8	.	7	.	0	.	0
post GP-19 editorial	2004-05-18	8	.	7	.	1	.	1

remove rev marks

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## R99 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

### TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

WG (prime / other): S2 / -

rapporteur: GALLIGO, Michel ALCATEL S.A.  
BOSWARTHICK, David

freeze\_meeting: SP-06

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27	2000-02-09	8	.	0	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TR 10.59 Project scheduling and open issues for EDGE

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): G1 / - rapporteur: MUELLER, Frank  
G: yes U: USAI, Paolino Telefon AB LM Ericsson

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg2b-07	1	.	8	.	0	2b99-009
smg3a-	1	.	9	.	0	2p99-099
smg4	1	.	10	.	0	7e99-004
smg2edge-07	1	.	11	.	0	2e99-003
draft 2000-01-05	1	.	20	.	0	
draft 2000-04-01	1	.	22	.	0	
draft 2000-05-25	1	.	23	.	0	
smg-32 2000-06-20	8	.	0	.	0	

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## R99 11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

### TS 11.10-1

R99 Mobile station (MS) conformance specification; Part 1: Conformance specification  
WG (prime / other): G3new/ S1 / NP / T2 / SCP

SALMERON, Lidia TELEPLUS LIMITED  
MCC: BAEV, Stoyan

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

G: yes U:  
remarks - this release: #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and reclosed!

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16	8	.	0	.	0	
smg-31 2000-02-16	8	.	1	.	0	
ETSI publication 2000-10-30	8	.	1	.	1	
smg-32 2000-06-20	8	.	2	.	0	
GP-06 2001-09-14	8	.	3	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 11 -.- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99  
current version: 8.10.0  
freeze\_meeting: SP-06

WG (prime / other): T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
G3new

remarks - general: G: yes U:  
TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).

MCC: THOMASEN, Gert  
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

### history (event, available, version, comments, hyperlink):

auto upgrade to 8 . 0 . 0 never actually done  
R99 from previous rel

TP-14	0	0	1	TP-010250	<a href="#">get it</a>
T3-23	1	0	0	T3-020405	<a href="#">get it</a>
TP-17	2	0	0	TP-020221 = new draft, not derived by CR from previous version (8.0.0). This version NOT approved, due to unorthodox history of its creation.	<a href="#">get it</a>
GP-12	8	1	0	Created correctly by a CR to previous version.	<a href="#">get it</a>
GP-13	8	2	0		<a href="#">get it</a>
GP-14	8	3	0		<a href="#">get it</a>
TP-20	8	4	0	late availability due to aesthetics check	<a href="#">get it</a>
TP-21	8	5	0		<a href="#">get it</a>
TP-22	8	6	0		<a href="#">get it</a>
TP-23	8	7	0		<a href="#">get it</a>
TP-24	8	8	0		<a href="#">get it</a>
TP-25	8	9	0		<a href="#">get it</a>
TP-26	8	10	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

WG (prime / other): T3 / -

rapporteur: GUTHERY, Scott B.

MCC: THOMASEN, Gert

freeze\_meeting: SP-06

G: yes U:

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-31	2000-02-16	8	.	2	.	0
smg-32	2000-06-20	8	.	3	.	0
TP-09	2000-10-18	8	.	4	.	0
TP-11	2001-04-09	8	.	5	.	0
TP-14	2002-01-17	8	.	6	.	0
TP-16	2002-06-25	8	.	7	.	0
TP-17	2002-09-18	8	.	8	.	0
TP-18	2003-01-02	8	.	9	.	0
Removal of	2003-06-23	8	.	9	.	1

comments in clause

11

TP-21	2003-09-30	8	.	10	.	0
TP-22	2004-01-12	8	.	11	.	0
TP-23	2004-03-25	8	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99 WG (prime / other): T3 / - rapporteur: BEGASSAT, Christophe Axalto S.A.

freeze\_meeting: SP-06 MCC: THOMASEN, Gert

remarks - general: G:yes U: remarks - this release: No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.

history (event, available, version, comments, hyperlink):

TP-17	2002-09-18	8	.	0	.	0	.	0	== v7.4.2
TP-18	2003-01-02	8	.	1	.	0	.	0	
TP-19	2003-03-26	8	.	2	.	0	.	0	
replace Annex E	2003-04-16	8	.	2	.	1	.	1	
with correct file									
TP-26	2005-01-03	8	.	3	.	0	.	0	

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ACTIVE specs R99 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

R99  
current version: 8.17.0  
freeze\_meeting: TP-06

WG (prime / other): T3 / -  
rapporteur: DUBOIS, Christophe  
MCC: THOMASEN, Gert

remarks - general: TP-11to be withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 2 . 0	<a href="#">get it</a>
Correction of CR implementation	2000-05-31	8 . 2 . 1	<a href="#">get it</a>
smg-32	2000-06-20	8 . 3 . 0	<a href="#">get it</a>
TP-09	2000-10-18	8 . 4 . 0	<a href="#">get it</a>
TP-10	2001-01-05	8 . 5 . 0	<a href="#">get it</a>
TP-11	2001-04-09	8 . 6 . 0	<a href="#">get it</a>
TP-12	2001-07-06	8 . 7 . 0	<a href="#">get it</a>
TP-13	2001-10-12	8 . 8 . 0	<a href="#">get it</a>
TP-14	2002-01-16	8 . 9 . 0	<a href="#">get it</a>
TP-15	2002-03-28	8 . 10 . 0	<a href="#">get it</a>
TP-16	2002-06-25	8 . 11 . 0	<a href="#">get it</a>
TP-18	2003-01-02	8 . 12 . 0	<a href="#">get it</a>
TP-19	2003-03-26	8 . 13 . 0	<a href="#">get it</a>
TP-20	2003-06-23	8 . 14 . 0	<a href="#">get it</a>
TP-22	2004-01-12	8 . 15 . 0	<a href="#">get it</a>
TP-23	2004-03-25	8 . 16 . 0	<a href="#">get it</a>
TP-25	2004-09-23	8 . 17 . 0	<a href="#">get it</a>

To be withdrawn at TSG#12, subsumed in 31.111  
Unwithdrawn!

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.17 Subscriber Interface Module (SIM) test specification

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

WG (prime / other): T3 / -  
G: yes U:

rapporteur: SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
MCC: THOMASEN, Gert  
remarks - general: May 00: R99 not anticipated. TP-18: R99 created.

### history (event, available, version, comments, hyperlink):

TP-18 2003-01-02 8 . 0 . 0 Technically identical to v7.0.2  
TP-19 2003-03-27 8 . 1 . 0

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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99  
current version: 8.9.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / -  
G: yes U:

rapporteur: VACANT,  
MCC: USAI, Paolino  
remarks - this release:

### remarks - general:

### history (event, available, version, comments, hyperlink):

smg-30b 1999-12-06 8 . 0 . 0  
smg-31 2000-02-16 8 . 1 . 0  
ETSI publication 2003-08-22 8 . 1 . 1  
smg-31b 2000-04-17 8 . 2 . 0  
smg-32 2000-06-20 8 . 3 . 0  
GP-01 2000-09-01 8 . 4 . 0  
GP-02 2000-11-24 8 . 5 . 0  
GP-04 2001-04-18 8 . 6 . 0  
GP-12 2003-01-03 8 . 7 . 0  
GP-13 2003-02-21 8 . 8 . 0  
GP-15 2003-07-11 8 . 9 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 8.0.2

freeze\_meeting: SP-06  
USAI, Paolino

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31b 2000-04-17 8 . 0 . 0 based on 5.2.1  
start of OAP 2000-05-24 8 . 0 . 1  
ETSI publication 2000-10-10 8 . 0 . 2

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## R99 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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### TS 12.03 Security Management

R99 WG (prime / other): S5 / S1 / NP rapporteur: TRUSS, Michael MOTOROLA Ltd

current version: 8.0.0

freeze\_meeting: SP-06

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-04-19 8 . 0 . 0

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ACTIVE specs R99 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.04 Performance data measurements

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

WG (prime / other): S5 / S1 / NP

rappporteur:

TOCHE, Christian

NORTEL NETWORKS (EUROPE)

G: yes U:

ZOICAS, Adrian

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-04-19 8 . 0 . 0  
SP-16 2002-06-28 8 . 1 . 0

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## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / S5

rappporteur:

TRUSS, Michael

MOTOROLA Ltd

freeze\_meeting: SP-06

G: yes U:

USAI, Paolino

remarks - general: SP-13: S5->G3 but no change of rapporteur.

remarks - this release: GP-09 (Usai) created to fill the Release gap.

history (event, available, version, comments, hyperlink):

GP-09 2002-05-06 8 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.71 Location Services (LCS); Location services management

R99  
current version: 8.0.1  
freeze\_meeting: SP-06  
remarks - general: TSG#11:S5 will no longer maintain.  
WG (prime / other): S5 / -  
rapporteur: GARAPATY, Sonia  
MCC: ZOICAS, Adrian  
Nortel Networks (USA)  
remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

### history (event, available, version, comments, hyperlink):

draft	1999-09-22	0	0	1	<a href="#">get it</a>
draft	1999-10-18	0	0	2	<a href="#">get it</a>
draft	1999-12-03	0	0	3	<a href="#">get it</a>
draft	1999-12-22	0	0	4	<a href="#">get it</a>
draft	2000-01-17	0	0	5	<a href="#">get it</a>
draft	2000-05-22	2	0	0	<a href="#">get it</a>
draft	2000-05-25	2	0	1	<a href="#">get it</a>
SP-08	2000-06-21	7	0	0	<a href="#">get it</a>
SP-08	2000-06-21	8	0	0	<a href="#">get it</a>
ETSI Publication	2000-11-30	8	0	1	<a href="#">get it</a>

R99

21 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system

R99 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

freeze\_meeting: SP-07 G: U: yes MCC: POPE, Maurice

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999 remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0				<a href="#">get it</a>
SP-06	1999-12-17	2	.	0	.	0				<a href="#">get it</a>
corrections		2	.	2	.	0				
SP-07		2	.	3	.	0			post SP-06	
SP-07		2	.	4	.	0			SP-000037	
SP-07		2	.	5	.	0			SP-000104	
SP-07	2000-03-17	3	.	0	.	0				<a href="#">get it</a>
editorial	2000-03-30	3	.	0	.	1				<a href="#">get it</a>
post-SP-08	2000-06-28	3	.	1	.	0				<a href="#">get it</a>
SP-10	2001-01-04	3	.	2	.	0				<a href="#">get it</a>
SP-11	2001-04-11	3	.	3	.	0				<a href="#">get it</a>
SP-12	2001-07-05	3	.	4	.	0				<a href="#">get it</a>
SP-13	2001-10-01	3	.	5	.	0				<a href="#">get it</a>
SP-14	2002-01-03	3	.	6	.	0				<a href="#">get it</a>
SP-15	2002-03-27	3	.	7	.	0				<a href="#">get it</a>
SP-16	2002-06-19	3	.	8	.	0				<a href="#">get it</a>
SP-17	2002-09-18	3	.	9	.	0				<a href="#">get it</a>
SP-18	2003-01-03	3	.	10	.	0				<a href="#">get it</a>
SP-19	2003-03-27	3	.	11	.	0				<a href="#">get it</a>
SP-20	2003-06-25	3	.	12	.	0				<a href="#">get it</a>
SP-23	2004-04-02	3	.	13	.	0				<a href="#">get it</a>
SP-26	2005-01-04	3	.	14	.	0				<a href="#">get it</a>

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ACTIVE specs R99 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.111 USIM and IC card requirements

R99 current version: 3.4.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): T3 / - rapporteur: KALINER, Stefan

G: U: yes MCC: THOMASEN, Gert

T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 1998-10-16 0 . 0 . 1

Transfer from 1999-03-04 1 . 1 . 0

smg9 to T3

T3 1999-04-21 2 . 0 . 0

TP-03 1999-04-23 3 . 0 . 0

TP-06 1999-12-17 3 . 0 . 1

TP-07 2000-03-15 3 . 1 . 0

TP-08 2000-06-23 3 . 2 . 0

TP-09 2000-10-18 3 . 3 . 0

TP-17 2002-09-18 3 . 4 . 0

## TS 21.133 3G security: Security threats and requirements

R99 current version: 3.2.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): S3 / - rapporteur: CHRISTOFFERSSON, PerTeliaSonera AB

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 1998-08-20 0 . 0 . 1

draft 1998-10-20 1 . 0 . 0

WG approval 1998-12-20 2 . 0 . 0

SP-03 1999-04-23 3 . 0 . 0

SP-06 1999-12-17 3 . 1 . 0

SP-14 2002-01-07 3 . 2 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TR 21.801 Specification drafting rules

current version: 3.0.0

freeze\_meeting: SP-23

remarks - general:

WG (prime / other): SP / -

G: yes U: yes

rappporteur: MEREDITH, John M ETSI Secretariat

MCC: POPE, Maurice

remarks - this release: Created from Rel-5 at SP-23. Previous Releases were originally covered by ETSI drafting rules. No intention to propagate "21.801" further back than R99.

history (event, available, version, comments, hyperlink):

SP-23 2004-04-02 3 . 0 . 0

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## TR 21.810

R99

**Report on multi-mode UE issues; ongoing work and identified additional work**

current version: 3.0.0

freeze\_meeting: SP-08

remarks - general: Was formerly 21.910. Renumbered at TSG#7.

WG (prime / other): T2 / -

G: U: yes

rappporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

MCC: HAN, Seung Don

remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

history (event, available, version, comments, hyperlink):

TP-08 2000-06-23 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.900 Technical Specification Group working methods

current version: 3.7.0

freeze\_meeting: SP-03

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

G: yes U: yes MCC: POPE, Maurice

remarks - general:

remarks - this release: SP-22: From now on, is null document pointing to equivalent in latest Release.

history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	3	0	0	
SP-04	1999-06-23	3	1	0	<a href="#">get it</a>
SP-05	1999-10-13	3	2	0	<a href="#">get it</a>
SP-08	2000-06-28	3	3	0	<a href="#">get it</a>
SP-09	2000-10-04	3	4	0	<a href="#">get it</a>
SP-10	2001-01-04	3	5	0	<a href="#">get it</a>
SP-11	2001-04-11	3	6	0	<a href="#">get it</a>
SP-22	2004-01-14	3	7	0	<a href="#">get it</a>

## TR 21.904 User Equipment (UE) capability requirements

current version: 3.5.0

freeze\_meeting: SP-07

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: HAN, Seung Don

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	0	0	<a href="#">get it</a>
TP-04	1999-06-18	0	0	3	<a href="#">get it</a>
TP-05	1999-10-08	1	0	2	<a href="#">get it</a>
TP-06	1999-12-17	1	1	0	<a href="#">get it</a>
TP-07		2	0	0	TP-000026
TP-07	2000-03-15	3	0	0	<a href="#">get it</a>
Editorial	2000-03-30	3	0	1	<a href="#">get it</a>
TP-08	2000-06-23	3	1	0	<a href="#">get it</a>
TP-09	2000-10-16	3	2	0	<a href="#">get it</a>
TP-10	2001-01-05	3	3	0	<a href="#">get it</a>
TP-13	2001-10-03	3	4	0	<a href="#">get it</a>
TP-17	2002-09-16	3	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0

freeze\_meeting: SP-07

WG (prime / other): S1 / -

rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

T-Mobile International AG

remarks - general: 2004-06: This spec is also applicable to GERAN systems from Rel-4

U: yes

remarks - this release:

onwards, at least, so include it in that set.

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	.	0	.	1	
SP-07	2000-03-15	3	.	0	.	0	SP-000072
SP-06	1999-12-17	3	.	0	.	0	
SP-08	2000-06-23	3	.	1	.	0	
edito	2000-08-08	3	.	1	.	1	
SP-09	2000-10-18	3	.	2	.	0	
SP-13	2001-10-05	3	.	3	.	0	

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## TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 current version: 3.0.0

freeze\_meeting: SP-08

WG (prime / other): T2 / -

rapporteur: RODERMUND, Friedhelm  
MCC: HAN, Seung Don

RODERMUND, Friedhelm  
Vodafone D2 GmbH

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.

U: yes

remarks - this release:

TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)

history (event, available, version, comments, hyperlink):

TP-03	0	.	1	.	0		
TP-04	0	.	2	.	0		
TP-05	1999-10-08	1	.	0	.	1	
TP-06	1999-12-17	1	.	3	.	2	
TP-07	2	.	0	.	0		
TP-08	2	.	1	.	0		
TP-08	2000-03-15	3	.	0	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 current version: 3.0.0

freeze\_meeting: SP-07

remarks - general: NP-24: txferred to N4 on closure of N2.

WG (prime / other): N4 / - rapporteur: SMITH, David mm02 plc

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-06 1999-12-17 2 . 0 . 0

Revised clause 11 2000-01-14 2 . 1 . 0

NP-08 2 . 1 . 1

NP-08 2000-06-23 3 . 0 . 0

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## R99

22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.001

Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

R99 current version: 3.2.0

freeze\_meeting: SP-07

remarks - general: Transfer>TSG#5

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 3 . 0 . 0 aprvd with CRs

SP-06 1999-12-17 3 . 1 . 0

edito 2000-01-18 3 . 1 . 1

SP-07 2000-03-17 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
Research in Motion UK Limited

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	1	0
SP-06	1999-12-17	3	2	0
SP-07	2000-03-15	3	3	0
SP-08	2000-06-23	3	4	0
SP-09	2000-10-18	3	5	0
SP-11	2001-04-02	3	6	0

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## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
NOKIA Corporation

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-06	1999-12-17	3	0	0	aprvd with CRs
SP-06	1999-12-17	3	1	0	
SP-07	2000-03-17	3	2	0	
SP-12	2001-06-27	3	3	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.004 General on supplementary services

current version: 3.3.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

G: yes U: yes

rapporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	0	1	
SP-06	1999-12-17	3	1	0	
SP-07	2000-03-15	3	2	0	
Editorial	2000-03-15	3	2	1	
SP-16	2002-07-04	3	3	0	

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## TS 22.011

Service accessibility

current version: 3.8.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

G: yes U: yes

rapporteur: IBIDUN, Kunle

MCC: CLAYTON, Michael

ORANGE SA

remarks - this release:

history (event, available, version, comments, hyperlink):

txferd to 3GPP	2000-06-01	3	0	0	
SP-05	1999-10-30	3	0	1	
SP-06	1999-12-17	3	1	1	
SP-07	2000-03-17	3	2	0	
SP-09	2000-10-18	3	3	0	
SP-11	2001-04-02	3	4	0	
SP-12	2001-06-27	3	5	0	
SP-14	2002-01-10	3	6	0	
SP-15	2002-03-25	3	7	0	
SP-17	2002-09-17	3	8	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.016 International Mobile Equipment Identities (IMEI)

current version: 3.3.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

SP-06 1999-12-17 3 . 1 . 0

SP-08 2000-06-28 3 . 2 . 0

SP-16 2002-07-04 3 . 3 . 0

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## TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification

current version: 3.2.1

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S3 / -

rapporteur: NGUYEN NGOC, Sebastien

France Telecom

G: yes U: yes  
remarks - this release:

MCC: POPE, Maurice

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

SP-08 2000-06-28 3 . 1 . 0 difficulty in implementing CR

SP-16 2002-06-19 3 . 2 . 0

edito post SP-16 2002-06-24 3 . 2 . 1 corrects change history

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## TS 22.024 Description of Charge Advice Information (CAI)

current version: 3.0.1

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): S1 / -

rapporteur: DEOL, Amar

Nortel Networks (USA)

MCC: CLAYTON, Michael

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

R99  
current version: 3.4.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan  
G: yes U: yes MCC: CLAYTON, Michael  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-30 3 . 0 . 0  
SP-05 1999-10-30 3 . 1 . 0  
SP-06 1999-12-17 3 . 2 . 0  
SP-07 2000-03-17 3 . 3 . 0  
SP-09 2000-10-18 3 . 4 . 0

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## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

R99  
current version: 3.0.0  
freeze\_meeting: SP-18

WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
G: yes U: yes MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & remarks - this release: Created from 02.31 R99.  
Rel-5 -> 22.031.

history (event, available, version, comments, hyperlink):

SP-18 2003-01-06 3 . 0 . 0 Technically identical to 02.31 v8.0.1.

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## TS 22.032 Immediate Service Termination (IST); Service description; Stage 1

R99  
current version: 3.0.0  
freeze\_meeting: SP-16

WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
G: yes U: yes MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).  
remarks - this release: SP-16: Takes over from 02.32 R99.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 22 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1

R99  
current version: 3.2.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	1	0
SP-07	2000-03-15	3	2	0
edito	2000-04-25	3	2	1

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## TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1

R99  
current version: 3.4.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-30	3	0	0
SP-07	2000-03-17	3	1	0
SP-08	2000-06-28	3	2	0
SP-20	2003-06-18	3	3	0
SP-22	2004-01-06	3	4	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.041</b> R99	<b>Operator Determined Call Barring</b> current version: 3.3.1 freeze_meeting: SP-05 remarks - general: Transfer>TSG#4	WG (prime / other): S1 / - G: yes U: yes	rapporteur: WATSON, John MCC: CLAYTON, Michael	VODAFONE Group Plc
<i>history (event, available, version, comments, hyperlink):</i> SP-05 1999-10-13 3 . 1 . 0 SP-10 2001-01-08 3 . 2 . 0 SP-11 2001-04-02 3 . 3 . 0 edito 2001-04-26 3 . 3 . 1				
<b>TS 22.042</b> R99	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b> current version: 3.0.1 freeze_meeting: SP-05 remarks - general: Transfer>TSG#4	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	EMCOM Ltd
<i>history (event, available, version, comments, hyperlink):</i> SP-05 1999-10-13 3 . 0 . 1				
<b>TS 22.057</b> R99	<b>Mobile Execution Environment (MExE) service description; Stage 1</b> current version: 3.0.1 freeze_meeting: SP-05 remarks - general: Transfer>TSG#4; Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1".	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	EMCOM Ltd
<i>history (event, available, version, comments, hyperlink):</i> SP-05 1999-10-25 3 . 0 . 0 edito 1999-10-25 3 . 0 . 1				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1

R99  
current version: 3.5.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	1	0
SP-06	1999-12-17	3	2	0
SP-07	2000-03-15	3	3	0
SP-08	2000-06-28	3	4	0
SP-09	2000-10-18	3	5	0

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## TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

R99  
current version: 3.2.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	0	1
SP-07	2000-03-15	3	1	0
SP-08	2000-06-28	3	2	0

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## TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	0	1
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.071 Location Services (LCS); Stage 1

R99 current version: 3.5.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: DEOL, Amar

G: yes U: yes U: yes MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	.	1	.	0
SP-06	1999-12-17	3	.	2	.	0
SP-09	2000-10-18	3	.	3	.	0
SP-15	2002-03-25	3	.	4	.	0
SP-23	2004-03-23	3	.	5	.	0

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## TS 22.072 Call Deflection (CD); Stage 1

R99 current version: 3.0.1

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: HECHWARTNER, RolandT-Mobile International AG

G: yes U: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	.	0	.	1
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

WG (prime / other): S1 / - rapporteur: GRECH, Michel  
Lucent Technologies Network Systems UK  
G: yes U: yes MCC: CLAYTON, Michael

freeze\_meeting: SP-05

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	1	0
SP-06	1999-12-17	3	2	0
SP-07	2000-03-15	3	3	0
SP-08	2000-06-28	3	4	0
edito	2000-08-09	3	4	1
SP-09	2000-10-31	3	5	0
SP-10	2001-01-08	3	6	0
SP-11	2001-04-02	3	7	0
SP-12	2001-06-27	3	8	0
SP-15	2002-03-25	3	9	0

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## TS 22.079 Support of optimal routing; Stage 1

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd  
G: yes U: yes MCC: CLAYTON, Michael

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	0	1
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
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## TS 22.081 Line Identification supplementary services; Stage 1

R99  
current version: 3.2.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
remarks - this release:

TeliaSonera AB

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
SP-08 2000-06-28 3 . 2 . 0

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## TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1

R99  
current version: 3.0.2  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
remarks - this release:

ORANGE SA

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
post SP-23 edito 2004-03-23 3 . 0 . 2

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---

## TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.084 MultiParty (MPTY) supplementary service; Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - this release:

SIEMENS AG

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 3 . 0 . 1

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## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
remarks - this release:

TeliaSonera AB

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 3 . 0 . 1  
SP-06 1999-12-17 3 . 1 . 0

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[get it](#)

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## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
remarks - this release:

Nortel Networks (USA)

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.087 User-to-user signalling (UUS); Stage 1

R99  
current\_version: 3.1.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes  
G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1 3.0.1, but should have been 3.1.0 to  
include a CR wrongly attributed to 22.086.

incorporation of 2000-02-01 3 . 1 . 0  
lost CR from SP-05

[get it](#)

## TS 22.088 Call Barring (CB) supplementary services; Stage 1

R99  
current\_version: 3.0.2  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes  
G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
edito 2000-11-27 3 . 0 . 2

[get it](#)  
[get it](#)

## TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1

R99  
current\_version: 3.1.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan  
G: yes U: yes MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
SP-07 2000-03-15 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - this release:

SIEMENS AG

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
SP-09 2000-10-18 3 . 1 . 0

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## TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

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## TS 22.094 Follow Me service description - Stage 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-06

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: HECHWARTNER, RolandT-Mobile International AG  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - general: Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02.94 R99 in favour of a common GSM/UMTS spec, 22.094.

remarks - this release: Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.

history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.096 Name identification supplementary services; Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 3 . 0 . 1

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## TS 22.097 Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1

R99  
current version: 3.2.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 3 . 1 . 0  
SP-09 2000-10-18 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

**TS 22.100** UMTS Phase 1  
R99 current version: 3.7.0  
freeze\_meeting: SP-03  
remarks - general:

WG (prime / other): S1 / -  
G: U: yes  
rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1998-09-16	0	.	1	.	0
draft	1998-10-16	1	.	0	.	0
WG approval	1999-02-01	2	.	0	.	0
SP-03	1999-04-23	3	.	0	.	0
SP-03	1999-04-23	3	.	2	.	0
SP-04	1999-06-23	3	.	3	.	0
SP-05	1999-10-13	3	.	4	.	0
SP-06	1999-12-17	3	.	5	.	0
SP-07	2000-03-15	3	.	6	.	0
SP-13	2001-10-05	3	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.101 Service aspects; Service principles

R99 current version: 3.17.0

freeze\_meeting: SP-03

WG (prime / other): S1 / -

rapporteur: DEOL, Amar

MCC: CLAYTON, Michael

Nortel Networks (USA)

G: U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	3	. 5	. 0
SP-04	1999-06-23	3	. 6	. 0
SP-05	1999-10-13	3	. 7	. 0
SP-06	1999-12-17	3	. 8	. 0
SP-07	2000-03-15	3	. 9	. 0
SP-08	2000-06-28	3	. 10	. 0
SP-09	2000-10-18	3	. 11	. 0
SP-10	2001-01-08	3	. 12	. 0
SP-12	2001-06-27	3	. 13	. 0
SP-20	2003-06-18	3	. 14	. 0
SP-21	2003-09-30	3	. 15	. 0
SP-22	2004-01-06	3	. 16	. 0
SP-23	2004-03-23	3	. 17	. 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): S1 / -

G: U: yes

rapporteur: ZARRI, Michele

MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this release:

### history (event, available, version, comments, hyperlink):

First complete draft	1997-06-13	1	.	0	.	0
draft	1997-12-19	1	.	4	.	1
WG approval	1998-02-15	2	.	0	.	0
smg-25	1998-03-20	3	.	0	.	0
smg-26	1998-06-20	3	.	1	.	0
smg-28	1999-02-15	3	.	2	.	0
SP-03	1999-04-23	3	.	4	.	0
SP-04	1999-06-23	3	.	5	.	0
SP-05	1999-10-13	3	.	6	.	0
SP-06	1999-12-17	3	.	7	.	0
SP-07	2000-03-15	3	.	8	.	0
SP-08	2000-06-28	3	.	9	.	0
SP-10	2001-01-08	3	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.115 Service Aspects Charging and billing

R99  
current version: 3.4.0  
freeze\_meeting: SP-03

WG (prime / other): S1 / - rapporteur: SCARRONE, Enrico  
G: yes U: yes TELECOM ITALIA S.p.A.

CLAYTON, Michael

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

First complete draft	1997-06-13	1	.	0	.	0
Milestone 1	1997-12-19	1	.	2	.	2
WG approval	1999-01-15	2	.	0	.	0
TB approval	1999-02-15	3	.	0	.	0
SP-04	1999-06-23	3	.	1	.	0
SP-03	1999-04-23	3	.	1	.	0
SP-05	1999-10-13	3	.	2	.	0
SP-07	2000-03-15	3	.	3	.	0
SP-22	2004-01-06	3	.	4	.	0

## TR 22.121 Service aspects: The Virtual Home Environment (VHE); Stage 1

R99  
current version: 3.3.1  
freeze\_meeting: SP-04

WG (prime / other): S1 / - rapporteur: ZARRI, Michele  
G: yes U: yes T-Mobile International AG

CLAYTON, Michael

MCC:

remarks - this release:

remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR.

history (event, available, version, comments, hyperlink):

OSP parts extracted from 22,121 v3,2,0	1999-03-04	0	.	0	.	0
draft	1999-04-04	0	.	1	.	0
SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	1	.	0
SP-07	2000-03-15	3	.	2	.	0
SP-08	2000-06-28	3	.	3	.	0
SP-16	2002-07-19	3	.	3	.	1

Converted from TS to TR.

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 22 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

WG (prime / other): S1 / -

G: yes U: yes

rapporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael

ORANGE SA

freeze\_meeting: SP-03

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Start of work 1999-03-04 0 . 0 . 0

Table of Contents 1999-03-04 0 . 1 . 0

and Scope

First complete draft 1999-04-22 1 . 0 . 0

SP-03 1999-01-23 1 . 2 . 0

SP-03 1999-04-23 3 . 0 . 0

SP-05 1999-10-13 3 . 1 . 0

SP-06 1999-12-17 3 . 2 . 0

SP-08 2000-06-28 3 . 3 . 0

SP-09 2000-10-18 3 . 4 . 0

SP-10 2001-01-08 3 . 5 . 0

SP-14 2002-01-10 3 . 6 . 0

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## TS 22.135 Multicall; Service description; Stage 1

WG (prime / other): S1 / -

G: yes U: yes

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Start of work 1999-03-04 0 . 0 . 0

Table of Contents 1999-03-04 0 . 1 . 0

and Scope

SP-03 1999-04-23 1 . 0 . 0

SP-05 1999-10-13 3 . 0 . 0

SP-06 1999-12-17 3 . 1 . 0

SP-07 2000-03-15 3 . 2 . 0

SP-08 2000-06-28 3 . 3 . 0

SP-09 2000-10-18 3 . 4 . 0

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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 current version: 3.1.0

freeze\_meeting: SP-06

remarks - general: (development in T2)

WG (prime / other): S1 / -

G: U: yes

rapporteur: MEYER, Juergen

MCC: CLAYTON, Michael

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 0 . 0 . 0

SP-05 1999-10-08 1 . 0 . 0

SP-06 1999-12-17 2 . 0 . 0

SP-08 2000-06-28 3 . 1 . 0

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## TR 22.945 Study of provision of fax service in GSM and UMTS

R99 current version: 3.0.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): T2 / NP

rapporteur: RODERMUND, Friedhelm

Vodafone D2 GmbH

G: yes U: yes

MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-28 1 . 0 . 0

TP-05 1999-10-08 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.971 Automatic establishment of roaming relationships

current version: 3.1.1  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): S1 / -  
G: U: yes

rapporteur: SCARRONE, Enrico  
MCC: CLAYTON, Michael

TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1997-10-19 0 . 0 . 1  
and Scope

First complete draft 1997-12-19 1 . 1 . 1  
WG approval 1998-02-15 2 . 0 . 0  
smg-25 1998-03-20 3 . 0 . 0  
SP-03 1999-04-23 3 . 1 . 1

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## TR 22.975

Advanced addressing  
current version: 3.1.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): S1 / -  
G: U: yes

rapporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1997-10-17 0 . 1 . 0  
and Scope

First complete draft 1997-12-19 1 . 0 . 0  
WG approval 1998-02-15 2 . 0 . 0  
smg-25 1998-03-20 3 . 0 . 0  
SP-03 1999-04-23 3 . 0 . 1  
SP-05 1999-10-13 3 . 1 . 0

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23 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.002

### Network architecture

current version: 3.6.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): S2 / -

G: yes U: yes

rappporteur: MILINSKI, Alexander

SIEMENS AG

MCC: BOSWARTHICK, David

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	.	1	.	0
SP-06	1999-12-17	3	.	2	.	0
SP-07	2000-03-15	3	.	3	.	0
SP-10	2000-12-21	3	.	4	.	0
SP-14	2002-01-07	3	.	5	.	0
SP-17	2002-09-24	3	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.003 Numbering, addressing and identification

current version: 3.14.0

freeze\_meeting: SP-03

WG (prime / other): N4 / -

rapporteur: RUSSELL, Nick

VODAFONE LTD

MCC: KYMALAINEN, Kimmo

G: yes U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
edito	2000-05-17	3	.	4	.	1
NP-08	2000-06-28	3	.	5	.	0
NP-09	2000-10-26	3	.	6	.	0
NP-10	2000-12-21	3	.	7	.	0
NP-11	2001-04-02	3	.	8	.	0
NP-12	2001-06-27	3	.	9	.	0
NP-16	2002-06-21	3	.	10	.	0
NP-17	2002-09-17	3	.	11	.	0
NP-20	2003-06-27	3	.	12	.	0
NP-21	2003-10-09	3	.	13	.	0
NP-22	2004-01-12	3	.	14	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.007

**Restoration procedures**  
current version: 3.6.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	
NP-04	1999-06-23	3	1	0	
NP-05	1999-10-13	3	1	3	<a href="#">get it</a>
NP-06	1999-12-15	3	2	0	<a href="#">get it</a>
NP-07	2000-03-15	3	3	0	<a href="#">get it</a>
NP-08	2000-06-28	3	4	0	<a href="#">get it</a>
NP-16	2002-06-21	3	5	0	<a href="#">get it</a>
NP-22	2004-01-12	3	6	0	<a href="#">get it</a>

## TS 23.008

**Organisation of subscriber data**  
current version: 3.8.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

G: yes U: yes MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	
NP-05	1999-10-13	3	1	0	
NP-06	1999-12-15	3	2	0	<a href="#">get it</a>
NP-07	2000-03-15	3	3	0	<a href="#">get it</a>
NP-08	2000-06-28	3	4	0	<a href="#">get it</a>
NP-09	2000-10-26	3	5	0	<a href="#">get it</a>
NP-12	2001-06-27	3	6	0	<a href="#">get it</a>
NP-16	2002-06-21	3	7	0	<a href="#">get it</a>
NP-20	2003-06-27	3	8	0	<a href="#">get it</a>

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.009

**Handover procedures**  
current version: 3.14.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / N4 rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated

G: yes U: yes

MCC: JURISIC, Andrijana

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-06	1999-12-17	3	.	1	.	0
NP-07	2000-03-15	3	.	2	.	0
edito (SDLs beautified)	2000-05-16	3	.	2	.	1
NP-08	2000-06-23	3	.	3	.	0
NP-09	2000-10-06	3	.	4	.	0
NP-10	2001-01-03	3	.	5	.	0
NP-11	2001-04-11	3	.	6	.	0
NP-12	2001-07-06	3	.	7	.	0
NP-13	2001-10-05	3	.	8	.	0
NP-14	2002-01-08	3	.	9	.	0
NP-16	2002-06-20	3	.	10	.	0
NP-17	2002-09-17	3	.	11	.	0
NP-18	2003-01-02	3	.	12	.	0
NP-19	2003-03-24	3	.	13	.	0
NP-20	2003-06-27	3	.	14	.	0

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## TS 23.011

**Technical realization of Supplementary Services**  
current version: 3.1.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan  
T-MOBILE DEUTSCHLAND

G: yes U: yes

MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
edito	2000-06-06	3	.	0	.	1
NP-09	2000-10-26	3	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.012 Location management procedures

R99 current version: 3.3.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-06 1999-12-15 3 . 1 . 0

NP-07 2000-03-15 3 . 2 . 0

CR 23.012-003r3 2000-06-05 3 . 2 . 1

removed (error)

NP-08 2000-06-23 3 . 3 . 0

## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 current version: 3.2.0

freeze\_meeting: SP-03

remarks - general: Should not be in UMTS ???

WG (prime / other): N1 / - rapporteur: ZAUS, Robert SIEMENS AG

G: yes U: yes MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-06 1999-12-17 3 . 1 . 0

NP-17 2002-09-17 3 . 2 . 0

## TS 23.015 Technical realization of Operator Determined Barring (ODB)

R99 current version: 3.1.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: yes MCC: Chalmers KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-04 1999-06-23 3 . 1 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.016 Subscriber data management; Stage 2

R99 current version: 3.10.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-26	3	.	6	.	0
NP-11	2001-03-30	3	.	7	.	0
NP-15	2002-03-28	3	.	8	.	0
NP-17	2002-09-17	3	.	9	.	0
NP-23	2004-03-23	3	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.018 Basic Call Handling; Technical realization

current version: 3.12.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
Chalmers

VODAFONE LTD  
KYMALAINEN, Kimmo

G: yes U: yes  
MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-25	3	.	6	.	0
NP-11	2001-04-06	3	.	7	.	0
NP-12	2001-07-04	3	.	8	.	0
NP-13	2001-10-03	3	.	9	.	0
NP-14	2002-01-16	3	.	10	.	0
NP-15	2002-03-28	3	.	11	.	0
NP-19	2003-04-04	3	.	12	.	0

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## TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

current version: 3.0.0  
freeze\_meeting: SP-18

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new  
One

G: yes U: yes  
MCC: POPE, Maurice

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: Created from 03.31 R99.  
Rel-5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-18	2003-01-06	3	.	0	.	0
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Technically identical to 03.31 v8.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.032 Universal Geographical Area Description (GAD)

R99 WG (prime / other): S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation

G: yes U: yes MCC: BOSWARTHICK, David

remarks - general: S2 responsibility?

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 0 [get it](#)

SP-07 2000-03-15 3 . 1 . 0 [get it](#)

SP-18 2003-01-07 3 . 2 . 0 [get it](#)

edito post SP-18 to 2003-01-10 3 . 2 . 1 [get it](#)

correct figures

## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

R99 WG (prime / other): N1 / - rapporteur: CARRIÓN, Inmaculada NOKIA Corporation

G: yes U: yes MCC: JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

NP-05 1999-10-13 3 . 1 . 0 [get it](#)

NP-06 1999-12-17 3 . 1 . 1 [get it](#)

NP-07 2000-03-15 3 . 2 . 0 [get it](#)

NP-10 2001-01-02 3 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.035 Immediate Service Termination (IST); Stage 2

R99  
current version: 3.1.0  
freeze\_meeting: SP-16  
WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: POPE, Maurice

remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).  
remarks - this release: SP-16: takes over from 03,35 R99.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 3 . 0 . 0  
SP-17 2002-09-18 3 . 1 . 0

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## TS 23.038 Alphabets and language-specific information

R99  
current version: 3.3.0  
freeze\_meeting: SP-04  
WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited  
G: yes U: yes  
MCC: HAN, Seung Don

remarks - general: additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.  
remarks - this release: additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.

history (event, available, version, comments, hyperlink):

TP-03 1999-04-28 1 . 0 . 0  
TP-04 1999-06-23 3 . 1 . 0  
TP-05 1999-10-08 3 . 2 . 0  
TP-06 1999-12-17 3 . 3 . 0

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## TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R99  
current version: 3.2.0  
freeze\_meeting: SP-04  
WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited  
G: yes U: yes  
MCC: HAN, Seung Don

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-28 1 . 0 . 0  
TP-04 1999-06-23 3 . 0 . 0  
TP-06 completed 1999-12-17 3 . 1 . 0  
TP-09 2000-10-04 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.040 Technical realization of Short Message Service (SMS)

R99 current version: 3.10.0

freeze\_meeting: SP-04

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited

G: yes U: yes remarks - this release:

MCC:  
HAN, Seung Don

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	0	0	
TP-04	1999-06-23	3	1	0	<a href="#">get it</a>
TP-05	1999-10-08	3	2	0	<a href="#">get it</a>
TP-06	1999-12-17	3	3	0	<a href="#">get it</a>
TP-07	2000-03-15	3	4	0	<a href="#">get it</a>
edito	2000-04-19	3	4	1	<a href="#">get it</a>
TP-08	2000-06-23	3	5	0	<a href="#">get it</a>
TP-13	2001-10-03	3	6	0	<a href="#">get it</a>
TP-14	2002-01-11	3	7	0	<a href="#">get it</a>
TP-15	2002-03-21	3	8	0	<a href="#">get it</a>
TP-16	2002-06-25	3	9	0	<a href="#">get it</a>
TP-20	2003-06-25	3	10	0	<a href="#">get it</a>

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 current version: 3.5.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited

G: yes U: yes remarks - this release:

MCC:  
HAN, Seung Don

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	0	0	
TP-05	1999-10-08	3	0	0	<a href="#">get it</a>
TP-06	1999-12-17	3	1	0	<a href="#">get it</a>
TP-07 completion target	2000-03-15	3	2	0	<a href="#">get it</a>
TP-09	2000-10-11	3	3	0	<a href="#">get it</a>
TP-12	2001-07-04	3	4	0	<a href="#">get it</a>
TP-16	2002-06-25	3	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.042 Compression algorithm for SMS

R99  
current version: 3.1.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited

G: yes U: yes MCC: HAN, Seung Don

remarks - this release: 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0
TP-04	1999-06-23	3	.	0	.	0
TP-06	1999-12-17	3	.	1	.	0

test vectors provided 23/01/200

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## TS 23.057 Mobile Execution Environment (MEXE); Functional description; Stage 2

R99  
current version: 3.4.0  
freeze\_meeting: SP-06

remarks - general: Apr-2001: " Station Application" removed from title.

WG (prime / other): T2 / - rapporteur: BRENK, Lairs  
TTP Communications plc

G: yes U: yes MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0
TP-04 (MEXE R99 GSM 03.57)	1999-06-18	1	.	1	.	0
TP-05	1999-10-08	1	.	5	.	0
TP-06 completed	1999-12-17	3	.	0	.	0
TP-07	2000-03-15	3	.	1	.	0
Editorial	2000-03-15	3	.	1	.	1
TP-08	2000-06-23	3	.	2	.	0
TP-09	2000-10-16	3	.	3	.	0
TP-11	2003-10-14	3	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

R99 current version: 3.16.0

freeze\_meeting: SP-03

remarks - general: Transfer>TSG#4

WG (prime / other): S2 / -

rapporteur: KUCHIBHOTLA, Ravi

MCC: BOSWARTHICK, David

U: yes

MOTOROLA Ltd

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	1	0	
SP-06	1999-12-23	3	2	0	
SP-07	2000-03-15	3	3	0	
SP-08	2000-06-28	3	4	0	
SP-09	2000-11-04	3	5	0	
SP-10	2001-01-12	3	6	0	
SP-11	2001-04-06	3	7	0	
SP-12	2001-06-29	3	8	0	
SP-13	2001-10-12	3	9	0	
SP-14	2002-01-09	3	10	0	
	edito	3	10	1	
SP-15	2002-04-07	3	11	0	
SP-16	2002-06-17	3	12	0	
SP-17	2002-10-02	3	13	0	
SP-18	2003-01-10	3	14	0	
SP-20	2003-06-20	3	15	0	
SP-22	2004-01-06	3	16	0	

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## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4, CR at TSG#5

WG (prime / other): N4 / -

rapporteur: LOPEZ SORIA, Luis

MCC: KYMALAINEN, Kimmo

U: yes

Telefon AB LM Ericsson

### history (event, available, version, comments, hyperlink):

NP-05	1999-10-13	3	1	0	
NP-07	2000-03-15	3	2	0	
NP-08	2000-06-23	3	3	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -

rapporporteur: SCHMITT, Peter

MCC: KYMALAINEN, Kimmo

SIEMENS AG

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	
NP-07	2000-03-15	3	1	0	<a href="#">get it</a>
NP-10	2000-12-21	3	2	0	<a href="#">get it</a>
NP-12	2001-06-27	3	3	0	<a href="#">get it</a>

## TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -

rapporporteur: CONRAD, Alan

MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	
NP-05	1999-10-13	3	1	0	<a href="#">get it</a>
NP-06	1999-12-17	3	2	0	<a href="#">get it</a>
NP-09	2000-10-26	3	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.19.0

freeze\_meeting: SP-03

N4 / - rapporteur: HOMANN, Christian

MCC: KYMALAINEN, Kimmo

ALCATEL SEL AG

remarks - general: NP-24: txferred to N4 on closure of N2.  
remarks - this release: Phase 3. TSG#7:Aprl CRs 56:3 & 18 by e-mail by 31-mar-00.

G: yes U: yes

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	<a href="#">get it</a>
NP-04	1999-06-23	3	1	0	<a href="#">get it</a>
NP-05	1999-10-13	3	2	0	<a href="#">get it</a>
NP-06	1999-12-17	3	3	0	<a href="#">get it</a>
NP-07	2000-03-15	3	4	0	<a href="#">get it</a>
NP-08	2000-06-23	3	5	0	<a href="#">get it</a>
NP-09	2000-10-09	3	6	0	<a href="#">get it</a>
NP-10	2001-01-04	3	7	0	<a href="#">get it</a>
NP-11	2001-04-02	3	8	0	<a href="#">get it</a>
NP-12	2001-06-29	3	9	0	<a href="#">get it</a>
NP-13	2001-10-03	3	10	0	<a href="#">get it</a>
NP-14	2002-01-04	3	11	0	<a href="#">get it</a>
NP-15	2002-03-19	3	12	0	<a href="#">get it</a>
NP-16	2002-06-17	3	13	0	<a href="#">get it</a>
NP-17	2002-09-17	3	14	0	<a href="#">get it</a>
NP-18	2002-12-18	3	15	0	<a href="#">get it</a>
NP-19	2003-03-25	3	16	0	<a href="#">get it</a>
NP-20	2003-06-23	3	17	0	<a href="#">get it</a>
NP-21	2003-09-29	3	18	0	<a href="#">get it</a>
NP-23	2004-03-25	3	19	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

R99

current version: 3.8.0

freeze\_meeting: SP-03

WG (prime / other): N4 / -

rapporteur: PARK, Ian David

Chalmers

KYMALAINEN, Kimmo

VODAFONE LTD

MCC:

G: yes U: yes

remarks - this release:

remarks - general: CR at TSG#4,CR at TSG#5

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-26	3	.	6	.	0
NP-16	2002-06-21	3	.	7	.	0
NP-18	2003-01-07	3	.	8	.	0

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## TS 23.081 Line identification supplementary services; Stage 2

R99

current version: 3.2.0

freeze\_meeting: SP-03

WG (prime / other): N4 / -

rapporteur: KYMALAINEN, Kimmo

KYMALAINEN, Kimmo

TeliaSonera AB

MCC:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
edito	2000-06-06	3	.	0	.	1
NP-08	2000-06-23	3	.	1	.	0
NP-17	2002-09-24	3	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 current version: 3.7.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	
NP-05	1999-10-13	3	1	0	<a href="#">get it</a>
NP-07	2000-03-15	3	2	0	<a href="#">get it</a>
NP-08	2000-06-23	3	3	0	<a href="#">get it</a>
NP-09	2000-10-26	3	4	0	<a href="#">get it</a>
NP-10	2000-12-21	3	5	0	<a href="#">get it</a>
NP-12	2001-06-27	3	6	0	<a href="#">get it</a>
NP-16	2002-06-21	3	7	0	<a href="#">get it</a>

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 current version: 3.2.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	<a href="#">get it</a>
NP-06	1999-12-17	3	1	0	<a href="#">get it</a>
NP-09	2000-10-26	3	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

current version: 3.2.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-06 1999-12-17 3 . 1 . 0

NP-09 2000-10-26 3 . 2 . 0

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## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

current version: 3.1.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

edito 2000-06-06 3 . 0 . 1

NP-09 2000-10-26 3 . 1 . 0

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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

current version: 3.1.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

edito 2000-06-06 3 . 0 . 1

NP-09 2000-10-26 3 . 1 . 0

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

R99  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0
edito	2000-06-06	3	0	1
NP-09	2000-10-26	3	1	0

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

R99  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0
NP-07	2000-03-15	3	1	0
NP-09	2000-10-26	3	2	0

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## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

R99  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: CROOK, Mick  
MCC: KYMALAINEN, Kimmo  
ORANGE PCS LTD  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0
NP-06	1999-12-17	3	1	0
NP-09	2000-10-26	3	2	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R99 current version: 3.2.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-06 1999-12-17 3 . 1 . 0

ETSI Publication 2000-11-07 3 . 2 . 0

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R99 current version: 3.2.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-06 1999-12-17 3 . 1 . 0

NP-09 2000-10-26 3 . 2 . 0

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## TS 23.094 Follow Me Stage 2

R99 current version: 3.2.0

freeze\_meeting: SP-06

remarks - general: Transfer>TSG#4. GSM only @TSG#5

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes  
remarks - this release: Transfer>TSG#6.

history (event, available, version, comments, hyperlink):

NP-06 1999-12-17 3 . 0 . 0

NP-07 2000-03-15 3 . 1 . 0

NP-09 2000-10-26 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.096 Name Identification Supplementary Service; Stage 2

R99  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0  
edito 2000-06-06 3 . 0 . 1

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## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

R99  
WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-05 1999-10-13 3 . 0 . 1  
NP-06 1999-12-17 3 . 1 . 0  
NP-07 2000-03-15 3 . 1 . 1

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## TS 23.101 General UMTS Architecture

R99  
WG (prime / other): S2 / -  
G: U: yes  
rapporteur: OLSSON, Magnus  
MCC: BOSWARTHICK, David  
Telefon AB LM Ericsson  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
First complete draft 1997-06-13 0 . 1 . 0  
Transfer to SP SA 1999-03-04 0 . 1 . 1  
WG2  
SP-03 1999-04-23 3 . 0 . 0  
SP-04 1999-06-23 3 . 0 . 1  
SP-10 2000-12-21 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.107 Quality of Service (QoS) concept and architecture

R99  
current version: 3.9.0  
freeze\_meeting: SP-05  
remarks - general: was 23.907

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: RINNE, Janne  
MCC: BOSWARTHICK, David  
NOKIA Corporation

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	.	0	.	0	
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	3	.	0	<a href="#">get it</a>
SP-09	2000-10-19	3	.	4	.	0	<a href="#">get it</a>
SP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
SP-11	2001-05-14	3	.	6	.	0	<a href="#">get it</a>
SP-14	2002-01-07	3	.	7	.	0	<a href="#">get it</a>
CR0721 erroneously implemented; anticipate correction at SP-15.							
SP-15	2002-04-07	3	.	8	.	0	<a href="#">get it</a>
SP-17	2002-09-24	3	.	9	.	0	<a href="#">get it</a>

## TS 23.108

R99  
current version: 3.2.0  
freeze\_meeting: SP-04  
remarks - general: This is clause 7 from 04.08 ex R98.

## Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

WG (prime / other): N1 / -  
G: yes U: yes  
rapporteur: DOIG, Ian  
MCC: JURISIC, Andrijana  
MOTOROLA S.A.S

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series) ACTIVE specs R99 23 .- series

## TS 23.110 UMTS Access Stratum Services and Functions

current version: 3.4.0

freeze\_meeting: SP-07

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One

G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

draft	1997-02-15	0	3	0
Transfer to SP S2	1999-03-04	0	3	1
SP-03	1999-04-23	3	1	0
SP-05	1999-10-13	3	2	0
SP-06	1999-12-17	3	3	0
SP-07	2000-03-15	3	4	0

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## TS 23.116 Super-Charger technical realization; Stage 2

current version: 3.2.0

freeze\_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new One

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):

NP-04	1999-04-30	0	0	0
NP-06	1999-12-17	1	0	0
NP-07	2000-03-15	3	0	0
NP-12	2001-06-27	3	1	0
NP-14	2002-01-10	3	2	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0

freeze\_meeting: SP-07

remarks - general: New after TSG#5

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release: Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99

### history (event, available, version, comments, hyperlink):

draft	1999-08-01	0	1	0	
draft	1999-09-01	0	2	0	
draft	1999-10-01	0	3	0	
draft	1999-11-01	0	4	0	
draft	1999-11-15	0	5	0	
N2b, Milan	2000-02-28	1	0	0	
NP-07	2000-11-21	2	0	0	
NP-10	2001-01-09	3	0	0	

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## TS 23.121 Architectural requirements for Release 1999

R99 current version: 3.6.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK

G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release:

### history (event, available, version, comments, hyperlink):

First complete	draft	1999-04-23	0	0	0	
SP-03	1999-04-23	1	0	0		
draft	1999-06-01	1	0	1		
draft	1999-06-20	2	0	0		
SP-04	1999-06-23	3	0	0		
SP-05	1999-10-13	3	1	0		
SP-06	1999-12-17	3	2	0		
SP-07	2000-03-15	3	3	0		
SP-09	2000-10-19	3	4	0		
SP-10	2000-12-20	3	5	0		
edito	2001-02-01	3	5	1		
SP-16	2002-06-18	3	6	0		

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

current version: 3.10.0

freeze\_meeting: SP-03

WG (prime / other): N1 / -

G: yes U: yes

rapporteur: HIETALAHTI, Hannu NOKIA Corporation

MCC: JURISIC, Andrijana

remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC  
reflow of R98 features.

remarks - this release: Created at TSG#6, CR@TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR.

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0	
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
editorial correction	2000-02-10	3	.	1	.	1	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-06	3	.	4	.	0	<a href="#">get it</a>
edito	2000-10-24	3	.	4	.	1	<a href="#">get it</a>
edito	2000-11-02	3	.	4	.	2	<a href="#">get it</a>
NP-10	2001-01-02	3	.	5	.	0	<a href="#">get it</a>
NP-11	2001-04-11	3	.	6	.	0	<a href="#">get it</a>
NP-12	2001-07-05	3	.	7	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	8	.	0	<a href="#">get it</a>
NP-18	2002-12-18	3	.	9	.	0	<a href="#">get it</a>
NP-21	2003-10-10	3	.	10	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

current version: 3.4.0

freeze\_meeting: SP-07

WG (prime / other): S2 / -  
G: U: yes

rappporteur: GOURRAUD, Christophe  
MCC: BOSWARTHICK, David

remarks - general: Sept 00: "Open Service Architecture" removed from title. SP-24: To be

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	.	3	.	0	
SP-07		2	.	0	.	0	SP-000089
SP-07	1999-12-17	3	.	0	.	0	
SP-08	2000-06-28	3	.	1	.	0	
SP-09	2000-11-06	3	.	2	.	0	
SP-10	2000-12-21	3	.	3	.	0	
SP-12	2001-06-29	3	.	4	.	0	

## TS 23.135 Multicall supplementary service; Stage 2

current version: 3.2.0

freeze\_meeting: SP-07

WG (prime / other): N4 / -  
G: U: yes

rappporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-07	2000-03-15	1	.	1	.	0	
NP-07	2000-03-15	3	.	0	.	0	
NP-08	2000-06-23	3	.	1	.	0	
NP-09	2000-10-25	3	.	2	.	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

current version: 3.1.0

freeze\_meeting: SP-07

WG (prime / other): T2 / -

G: yes U: yes

T-MOBILE DEUTSCHLAND

rappporteur: ROEBKE, Matthias

HAN, Seung Don

MCC:

remarks - this release:

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0	.	0
TP-05	1999-10-08	0	.	1	.	0	.	0
TP-06	1999-12-17	1	.	0	.	0	.	0
TP-07	2000-03-15	2	.	0	.	0	.	TP-000028
Editorial	2000-03-15	3	.	0	.	1	.	
TP-16	2002-06-24	3	.	1	.	0	.	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

R99 WG (prime / other): S2 / - rapporteur: WONG, Gavin  
freeze\_meeting: SP-07 U: yes MCC: BOSWARTHICK, David  
G: VODAFONE Group Plc

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0	
SP-06	1999-12-17	1	.	1	.	0	
SP-07		2	.	0	.	0	SP-000090
SP-07	2000-03-15	3	.	0	.	0	
SP-08	2000-06-28	3	.	1	.	0	
SP-10	2000-12-21	3	.	2	.	0	
SP-11	2001-04-11	3	.	3	.	0	
SP-12	2001-06-29	3	.	4	.	0	
SP-13	2001-10-15	3	.	5	.	0	
SP-14	2002-01-07	3	.	6	.	0	
SP-15	2002-03-29	3	.	7	.	0	
SP-16	2002-06-18	3	.	8	.	0	
SP-17	2002-09-24	3	.	9	.	0	
SP-20	2003-06-23	3	.	10	.	0	
SP-23	2004-04-01	3	.	11	.	0	

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## TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 WG (prime / other): N1 / - rapporteur: YOKOTA, Fumihiko  
freeze\_meeting: SP-06 U: yes MCC: JURISIC, Andrijana  
G: Fujitsu Limited

remarks - general: New after TSG#5

remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.

history (event, available, version, comments, hyperlink):

NP-05	1999-10-08	0	.	0	.	0	
NP-06	1999-12-17	3	.	0	.	0	
editorial (!)	2000-01-24	3	.	1	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.908 Technical report on Pre-Paging

R99 current version: 3.0.1

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 0 . 0 . 0

NP-04 1999-06-23 3 . 0 . 0

edito 2000-05-02 3 . 0 . 1

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## TR 23.909 Technical report on the Gateway Location Register

R99 current version: 3.0.1

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

Chalmers

KYMALAINEN, Kimmo

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 0 . 0 . 0

NP-04 1999-06-23 3 . 0 . 0

edito 2000-05-03 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.910 Circuit switched data bearer services

current version: 3.6.0

freeze\_meeting: SP-07

WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar

G: U: yes U: yes HAN, Seung Don

Telefon AB LM Ericsson

remarks - general: 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4

approval). NP-25: TSG CN proposing to convert to a TS.

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-04	1999-06-23	0	.	0	.	0	.	0
NP-05	1999-10-13	0	.	1	.	0	.	0
NP-06	1999-12-17	1	.	0	.	0	.	0
NP-07		2	.	0	.	0	.	0
NP-07	2000-03-15	3	.	0	.	0	.	0
NP-08	2000-06-23	3	.	1	.	0	.	0
NP-09	2000-10-18	3	.	2	.	0	.	0
NP-10	2000-12-22	3	.	3	.	0	.	0
NP-11	2001-04-06	3	.	4	.	0	.	0
NP-12	2001-06-28	3	.	5	.	0	.	0
NP-17	2002-09-17	3	.	6	.	0	.	0

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## TR 23.911 Technical report on Out-of-band transcoder control

current version: 3.0.1

freeze\_meeting: SP-05

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: KYMALAINEN, Kimmo

MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

Creation of WI by	1999-10-13	0	.	0	.	0	.	1
WG/TB								
NP-05	1999-10-13	3	.	0	.	0	.	0
edito	2000-05-02	3	.	0	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.912 Technical report on Super-Charger

R99  
current version: 3.1.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / other): N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

Creation of WI by 1999-10-13 0 . 0 . 1

WG/TB

NP-05 1999-10-13 3 . 0 . 0

edito 2000-05-02 3 . 0 . 1

edito 2000-05-09 3 . 0 . 2

NP-14 2002-01-10 3 . 1 . 0

## TR 23.923 Combined GSM and Mobile IP mobility handling in UMTS IP CN

R99  
current version: 3.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S2 / - rapporteur: HUBBARD, Elisabeth TeliaSonera AB

G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release: July 2001: (Sultan) contents out of date. Replaced by 23.228.

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 0 . 5 . 0

SP-04 1999-06-23 0 . 6 . 0

SP-05 1999-10-15 1 . 0 . 0

SP-06 2000-06-05 3 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.930

R99

current version: 3.0.0

freeze\_meeting: SP-04

### lu principles

remarks - general:

WG (prime / other): S2 / -  
G: U: yes

rapporteur: AXERUD, Bo  
MCC: BOSWARTHICK, David  
NOKIA TELECOMMUNICATIONS FINLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1997-11-15 0 . . 1 . . 1

and Scope

First complete draft 1999-04-01 1 . 0 . 0

SP-03 1999-04-23 1 . 2 . 1

SP-04 1999-06-23 3 . 0 . 0

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## TR 23.972

R99

current version: 3.0.0

freeze\_meeting: SP-07

### Circuit switched multimedia telephony

remarks - general: New after TSG#5. Minor title change TSG#7.

WG (prime / other): N1 / -

rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: U: yes

MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

Start of work 1999-10-21 0 . 0 . 1

N1-08 1999-10-21 0 . 0 . 2

N1-09 1999-12-09 0 . 0 . 3

N1-08 revision 1999-10-29 0 . 0 . 3

NP-07 2000-03-15 3 . 0 . 0

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R99

24 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

R99 WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 3.1.1

freeze\_meeting: SP-07

G: yes U: yes

MCC: JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-07 2000-03-17 3 . 0 . 0 [get it](#)

NP-10 2001-01-02 3 . 1 . 0 [get it](#)

correction of typo 2003-06-02 3 . 1 . 1 [get it](#)

on cover page

## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 current version: 3.10.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

transfer from SMG 3 . 0 . 0 not available

NP-05 1999-10-13 3 . 1 . 0

NP-06 1999-12-17 3 . 2 . 0

NP-07 2000-03-15 3 . 3 . 0

edito 2000-04-25 3 . 3 . 1

NP-08 2000-06-23 3 . 4 . 0

NP-09 2000-10-06 3 . 5 . 0

NP-10 2001-01-02 3 . 6 . 0

NP-11 2001-04-11 3 . 7 . 0

NP-14 2002-01-04 3 . 8 . 0

NP-16 2002-06-24 3 . 9 . 0

NP-24 2004-06-15 3 . 10 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

R99 current version: 3.19.0

freeze\_meeting: SP-03

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

G: yes U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	0	.	0	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	0	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-27	3	.	2	.	0	.	0	<a href="#">get it</a>
editorial correction	2000-01-04	3	.	2	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	.	0	<a href="#">get it</a>
edito	2000-04-25	3	.	3	.	1	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	4	.	0	.	0	<a href="#">get it</a>
Editorial	2000-06-23	3	.	4	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-06	3	.	5	.	0	.	0	<a href="#">get it</a>
NP-10	2001-01-03	3	.	6	.	0	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	7	.	0	.	0	<a href="#">get it</a>
edito	2001-07-06	3	.	7	.	1	.	0	<a href="#">get it</a>
NP-12	2001-07-13	3	.	8	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	9	.	0	.	0	<a href="#">get it</a>
NP-14	2002-01-11	3	.	10	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-22	3	.	11	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-24	3	.	12	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	13	.	0	.	0	<a href="#">get it</a>
NP-18	2003-01-02	3	.	14	.	0	.	0	<a href="#">get it</a>
NP-19	2003-03-24	3	.	15	.	0	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	16	.	0	.	0	<a href="#">get it</a>
NP-21	2003-10-10	3	.	17	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-22	3	.	18	.	0	.	0	<a href="#">get it</a>
NP-24	2004-06-15	3	.	19	.	0	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99  
current version: 3.2.0  
freeze\_meeting: SP-03

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
KYMALAINEN, Kimmo

G: yes U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-08	2000-06-23	3	.	1	.	0
NP-14	2002-01-10	3	.	2	.	0

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## TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

R99  
current version: 3.6.0  
freeze\_meeting: SP-05

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
JURISIC, Andrijana

G: yes U: yes  
remarks - this release:

remarks - general: Transfer>TSG#4

history (event, available, version, comments, hyperlink):

NP-05	1999-10-13	3	.	0	.	0
NP-06	1999-12-17	3	.	1	.	0
NP-07	2000-03-15	3	.	2	.	0
NP-08	2000-06-23	3	.	3	.	0
NP-09	2000-10-06	3	.	4	.	0
NP-10	2001-01-02	3	.	5	.	0
NP-11	2001-04-06	3	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

R99  
*WG (prime / other):* N3 / -  
*current version:* 3.5.0  
*freeze\_meeting:* SP-03  
*U:* yes  
*reporteur:* KLEHN, Norbert  
*MCC:* HAN, Seung Don  
*SIEMENS AG*  
*remarks - general:* CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".  
*remarks - this release:*

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	<a href="#">get it</a>
NP-05	1999-10-13	3	1	0	<a href="#">get it</a>
NP-06	2000-01-11	3	2	0	<a href="#">get it</a>
NP-08	2000-06-23	3	3	0	<a href="#">get it</a>
edito	2000-08-17	3	3	1	<a href="#">get it</a>
NP-09	2000-10-12	3	4	0	<a href="#">get it</a>
NP-20	2003-06-23	3	5	0	<a href="#">get it</a>

## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

R99  
*WG (prime / other):* N4 / -  
*current version:* 3.3.0  
*freeze\_meeting:* SP-08  
*U:* yes  
*reporteur:* GARAPATY, Sonia  
*MCC:* KYMALAINEN, Kimmo  
*Nortel Networks (USA)*  
*remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.  
*remarks - this release:* TSG#7: Decision to create.

### history (event, available, version, comments, hyperlink):

NP-07	2000-03-17	3	0	0	<a href="#">get it</a>
NP-08	2000-06-23	3	1	0	<a href="#">get it</a>
NP-12	2001-06-27	3	2	0	<a href="#">get it</a>
NP-14	2002-01-10	3	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R99 current version: 3.2.0

freeze\_meeting: SP-03

remarks - general:

N4 / - rapporteur: SCHMITT, Peter

MCC: KYMALAINEN, Kimmo

WG (prime / other):

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-10 2000-12-21 3 . 1 . 0

NP-12 2001-06-27 3 . 2 . 0

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## TS 24.072 Call Deflection Supplementary Service; Stage 3

R99 current version: 3.0.0

freeze\_meeting: SP-03

remarks - general:

N4 / - rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

WG (prime / other):

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

WG (prime / other):

G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0
NP-06	1999-12-17	3	1	0
NP-07	2000-03-15	3	2	0
NP-08	2000-06-23	3	3	0
NP-09	2000-10-26	3	4	0
ASN.1 annex	2001-01-24	3	4	1
updated				
NP-12	2001-07-04	3	5	0
NP-14	2002-01-10	3	6	0
NP-16	2002-06-21	3	7	0
editorial	2003-10-09	3	7	1

## TS 24.081 Line Identification Supplementary Service; Stage 3

WG (prime / other):

G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0
NP-08	2000-06-23	3	1	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.082 Call Forwarding supplementary service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release:  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

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## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
remarks - this release:  
VODAFONE LTD

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

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## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
remarks - this release:  
VODAFONE LTD

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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## TS 24.087 User-to-User Signaling (UUS); Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Company: Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: BRUSS, Jörg  
MCC: KYMALAINEN, Kimmo  
Company: ERICSSON Eurolab Deutschland GmbH  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Company: Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Company: Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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## TS 24.096 Name Identification Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Company: Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

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## TS 24.135 Multicall supplementary service; Stage 3

R99  
current version: 3.2.0  
freeze\_meeting: SP-07

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo  
Company: NTT COMMWARE Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-07 2000-03-15 3 . 0 . 0  
NP-08 2000-06-23 3 . 1 . 0  
NP-14 2002-01-10 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

R99 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

current version: 3.17.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents and Scope	1999-02-04	0	0	0	0
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	2	0	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-17	3	1	0	0
RP-07	2000-03-15	3	2	0	0
Editorial	2000-03-15	3	2	1	0
Editorial	2000-04-25	3	2	2	0
RP-08	2000-06-23	3	3	0	0
edito	2000-07-31	3	3	1	0
RP-09	2000-10-13	3	4	0	0
edito	2000-11-10	3	4	1	0
RP-10	2001-01-02	3	5	0	0
RP-11	2001-04-05	3	6	0	0
RP-12	2001-06-29	3	7	0	0
RP-13	2001-10-03	3	8	0	0
RP-14	2002-01-14	3	9	0	0
RP-15	2002-03-29	3	10	0	0
RP-16	2002-07-01	3	11	0	0
RP-18	2003-01-10	3	12	0	0
RP-19	2003-04-04	3	13	0	0
RP-20	2003-06-27	3	14	0	0
RP-21	2003-10-10	3	15	0	0
RP-22	2004-01-20	3	16	0	0
RP-23	2004-04-01	3	17	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

R99  
current version: 3.12.0  
freeze\_meeting: SP-05

WG (prime / other): R4 / -  
G: U: yes

rapporteur: KOTTKAMP, Meik

SIEMENS AG

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
First complete draft	1999-03-04	1	0	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-17	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-18	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-11	2001-04-05	3	6	0	0
RP-12	2001-06-29	3	7	0	0
RP-13	2001-10-03	3	8	0	0
RP-14	2002-01-14	3	9	0	0
RP-15	2002-03-29	3	10	0	0
RP-16	2002-07-01	3	11	0	0
RP-17	2002-10-02	3	12	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

R99  
current version: 3.12.0  
freeze\_meeting: SP-05

WG (prime / other): R4 / -  
G: U: yes

rapporteur: SKÖLD, Johan  
MCC: GUTIERREZ MIGUELEZ, Cesar  
Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	2	0	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-17	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-13	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-11	2001-04-05	3	6	0	0
RP-12	2001-06-29	3	7	0	0
RP-13	2001-10-03	3	8	0	0
RP-14	2002-01-14	3	9	0	0
RP-15	2002-03-29	3	10	0	0
RP-18	2003-01-10	3	11	0	0
RP-19	2003-04-04	3	12	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

R99 current version: 3.13.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R4 / -

G: U: yes

rapporteur: KOTTKAMP, Meik

MCC: SIEMENS AG

GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft	1999-03-04	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-17	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-11	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-29	3	.	7	.	0
RP-13	2001-10-03	3	.	8	.	0
RP-14	2002-01-16	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-16	2002-07-01	3	.	11	.	0
RP-18	2003-01-10	3	.	12	.	0
RP-19	2003-04-04	3	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

current version: 3.5.0

freeze\_meeting: SP-06

WG (prime / other): R4 / -

rapporteur: BARNES David

DTI - Department of Trade and Industry

MCC: GUTIERREZ MIGUELEZ, Cesar

G: U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0	.	0
RP-05	1999-10-13	1	.	2	.	0	.	0
RP-06	1999-12-12	3	.	0	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0	.	0
RP-08	2000-06-23	3	.	2	.	0	.	0
RP-09	2000-10-13	3	.	3	.	0	.	0
RP-10	2000-12-22	3	.	4	.	0	.	0
RP-11	2001-04-05	3	.	5	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.123

Requirements for support of radio resource management (TDD)

WG (prime / other): R4 / -

rapporteur: GUERRINI, Claudio

TELECOM ITALIA S.p.A.

GUTIERREZ MIGUELEZ, Cesar

current version: 3.14.0

freeze\_meeting: SP-06

MCC:

U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-06	1999-12-17	3	0	0	
RP-07	2000-03-17	3	1	0	<a href="#">get it</a>
edito	2000-04-27	3	1	1	<a href="#">get it</a>
RP-08	2000-06-23	3	2	0	<a href="#">get it</a>
RP-09	2000-10-11	3	3	0	<a href="#">get it</a>
RP-10	2000-12-22	3	4	0	<a href="#">get it</a>
RP-11	2001-04-05	3	5	0	<a href="#">get it</a>
RP-12	2001-06-29	3	6	0	<a href="#">get it</a>
RP-13	2001-10-03	3	7	0	<a href="#">get it</a>
RP-14	2002-01-16	3	8	0	<a href="#">get it</a>
RP-15	2002-03-19	3	9	0	<a href="#">get it</a>
RP-16	2002-07-03	3	10	0	<a href="#">get it</a>
RP-17	2002-10-04	3	11	0	<a href="#">get it</a>
RP-19	2003-04-04	3	12	0	<a href="#">get it</a>
RP-20	2003-07-01	3	13	0	<a href="#">get it</a>
RP-22	2004-01-20	3	14	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TS 25.133** Requirements for support of radio resource management (FDD)  
R99 current version: 3.19.0  
freeze\_meeting: SP-06  
WG (prime / other): R4 / -  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - general: remarks - this release:

## history (event, available, version, comments, hyperlink):

RP-06	1999-12-17	3	0	0	<a href="#">get it</a>
RP-07	2000-03-17	3	1	0	<a href="#">get it</a>
RP-08	2000-06-23	3	2	0	<a href="#">get it</a>
RP-09	2000-10-18	3	3	0	<a href="#">get it</a>
RP-10	2001-01-09	3	4	0	<a href="#">get it</a>
RP-11	2001-04-05	3	5	0	<a href="#">get it</a>
RP-12	2001-06-29	3	6	0	<a href="#">get it</a>
RP-13	2001-10-03	3	7	0	<a href="#">get it</a>
RP-14	2002-01-17	3	8	0	<a href="#">get it</a>
RP-15	2002-03-19	3	9	0	<a href="#">get it</a>
RP-16	2002-07-04	3	10	0	<a href="#">get it</a>
RP-17	2002-10-04	3	11	0	<a href="#">get it</a>
RP-18	2003-01-10	3	12	0	<a href="#">get it</a>
RP-19	2003-04-04	3	13	0	<a href="#">get it</a>
RP-20	2003-07-01	3	14	0	<a href="#">get it</a>
RP-21	2003-10-10	3	15	0	<a href="#">get it</a>
RP-22	2004-01-23	3	16	0	<a href="#">get it</a>
RP-23	2004-04-01	3	17	0	<a href="#">get it</a>
RP-24	2004-06-24	3	18	0	<a href="#">get it</a>
RP-25	2004-09-30	3	19	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.141 Base Station (BS) conformance testing (FDD)

R99 current version: 3.13.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R4 / -

G: U: yes

rapporteur: NAKAMURA, Takaharu Fujitsu Limited

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	1
and Scope					
First complete draft	1999-04-23	0	1	0	
RP-03	1999-04-23	0	1	0	
RP-04	1999-06-23	1	0	0	
RP-05	1999-10-13	2	0	2	
RP-06	1999-12-12	3	0	0	
RP-07	2000-03-15	3	1	0	
RP-08	2000-06-23	3	2	0	
RP-09	2000-10-11	3	3	0	
RP-10	2000-12-22	3	4	0	
edito	2001-01-09	3	4	1	
RP-11	2001-04-05	3	5	0	
RP-12	2001-06-29	3	6	0	
RP-13	2001-10-03	3	7	0	
RP-14	2002-01-16	3	8	0	
RP-15	2002-03-29	3	9	0	
RP-16	2002-07-04	3	10	0	
RP-17	2002-10-04	3	11	0	
RP-18	2003-01-10	3	12	0	
RP-19	2003-04-04	3	13	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.142 Base Station (BS) conformance testing (TDD)

R99 current version: 3.13.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R4 / -  
G: U: yes

rapporteur: MEYER, Juergen

SIEMENS AG

GUTIERREZ MIGUELEZ, Cesar

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	0	0	<a href="#">get it</a>
RP-04	1999-06-23	0	0	1	<a href="#">get it</a>
RP-05	1999-10-13	2	0	0	<a href="#">get it</a>
RP-06	1999-12-12	3	0	0	<a href="#">get it</a>
RP-07	2000-03-15	3	1	0	<a href="#">get it</a>
RP-08	2000-06-23	3	2	0	<a href="#">get it</a>
	edito	2000-07-31	3	2	<a href="#">get it</a>
RP-09	2000-10-11	3	3	0	<a href="#">get it</a>
RP-10	2000-12-22	3	4	0	<a href="#">get it</a>
RP-11	2001-04-05	3	5	0	<a href="#">get it</a>
RP-12	2001-06-29	3	6	0	<a href="#">get it</a>
RP-13	2001-10-03	3	7	0	<a href="#">get it</a>
RP-14	2002-01-16	3	8	0	<a href="#">get it</a>
RP-15	2002-03-29	3	9	0	<a href="#">get it</a>
RP-16	2002-07-04	3	10	0	<a href="#">get it</a>
RP-17	2002-10-04	3	11	0	<a href="#">get it</a>
RP-18	2003-01-10	3	12	0	<a href="#">get it</a>
RP-19	2003-04-04	3	13	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.201 Physical layer - general description

current version: 3.4.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / - rapporteur: GERSTENBERGER, Dirk Telefon AB LM Ericsson

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1998-10-16 0 . 0 . 0

and Scope

First complete draft	1999-02-15	1	.	0	.	0
RP-03	1999-04-23	2	.	0	.	0
RP-04	1999-06-23	2	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-07	2000-03-15	3	.	0	.	2
RP-08	2000-06-23	3	.	1	.	0
RP-14	2002-01-09	3	.	2	.	0
RP-15	2002-03-29	3	.	3	.	0
RP-16	2002-06-28	3	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99  
current version: 3.12.0  
freeze\_meeting: SP-05

WG (prime / other): R1 / -  
rapporteur: PARKVALL, Stefan  
Ericsson AB  
ISHII, Yoshikazu

G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
First complete draft	1999-03-04	1	0	0	0
RP-03	1999-04-23	2	0	0	0
RP-04	1999-06-23	2	1	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-12	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-18	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-11	2001-04-05	3	6	0	0
RP-12	2001-06-28	3	7	0	0
RP-13	2001-10-08	3	8	0	0
RP-14	2002-01-09	3	9	0	0
RP-15	2002-03-29	3	10	0	0
RP-16	2002-06-28	3	11	0	0
RP-17	2002-09-27	3	12	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.11.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / -

rapporteur: MICHEL, Jürgen

G: U: yes

MCC:

SIEMENS AG

ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	2	0	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-12	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-18	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-12	2001-06-28	3	6	0	0
RP-13	2001-10-08	3	7	0	0
RP-14	2002-01-09	3	8	0	0
RP-15	2002-03-29	3	9	0	0
RP-16	2002-06-28	3	10	0	0
RP-17	2002-09-27	3	11	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.9.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / - rapporteur: WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-02-04	0	.	0	.	0
draft	1999-03-04	1	.	0	.	0
RP-03	1999-04-23	2	.	0	.	0
RP-04	1999-06-23	2	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-04-05	3	.	5	.	0
RP-12	2001-06-28	3	.	6	.	0
RP-14	2002-01-09	3	.	7	.	0
RP-16	2002-06-28	3	.	8	.	0
RP-22	2004-01-14	3	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.12.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rapporteur: BOUMENDIL, Sarah

MCC: ISHII, Yoshikazu

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	1	.	0	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-19	2003-04-04	3	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.12.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / - rapporteur: SUZUKI, Hidetoshi

G: U: yes MCC: ISHII, Yoshikazu

Panasonic Mobile Communications Co., Ltd.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-20	2003-06-27	3	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

current version: 3.11.0

freeze\_meeting: SP-05

WG (prime / other): R1 / -

G: U: yes

rapporteur: CHAPMAN, Thomas

MCC: ISHII, Yoshikazu

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	1	1	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-12	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-18	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-11	2001-04-05	3	6	0	0
RP-12	2001-06-28	3	7	0	0
RP-13	2001-10-08	3	8	0	0
RP-14	2002-01-09	3	9	0	0
RP-15	2002-03-29	3	10	0	0
RP-17	2002-09-27	3	11	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.10.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / - rapporteur: BEALE, Martin

G: U: yes MCC: ISHII, Yoshikazu

IPWireless Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	2	0	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-12	3	1	0	0
RP-07	2000-03-15	3	2	0	0
edito	2000-05-03	3	2	1	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-18	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-11	2001-04-05	3	6	0	0
RP-13	2001-10-08	3	7	0	0
RP-15	2002-03-29	3	8	0	0
RP-16	2002-06-28	3	9	0	0
RP-17	2002-09-27	3	10	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.223 Spreading and modulation (TDD)

R99 current version: 3.8.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / - rapporteur:

G: U: yes MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

Creation of WI by 1999-01-15 0 . 0 . 0

WG/TB

First complete draft	1999-03-04	1	.	0	.	0
RP-03	1999-04-23	2	.	0	.	0
RP-04	1999-06-23	2	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-11	2001-04-05	3	.	5	.	0
RP-12	2001-06-28	3	.	6	.	0
RP-13	2001-10-08	3	.	7	.	0
RP-15	2002-03-29	3	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.224 Physical layer procedures (TDD)

R99 current version: 3.13.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rapporteur: RUDOLF, Marian

MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	.	0	.	0
and Scope						
RP-03	1999-04-23	1	.	0	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-18	2003-01-07	3	.	12	.	0
RP-21	2003-09-29	3	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.225 Physical layer; Measurements (TDD)

R99 current version: 3.12.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R1 / -

rapporteur: CZAPLA, Liliana

MCC: ISHII, Yoshikazu

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-16	2002-06-28	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-20	2003-06-27	3	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.301 Radio interface protocol architecture

R99  
current version: 3.11.0  
freeze\_meeting: SP-03

WG (prime / other): R2 / -  
G: U: yes

rappporteur: EKEMARK, Sven  
MCC: ARZELIER, Claude

Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
First complete draft	1999-03-04	1	0	0	0
WG approval	1999-04-16	2	0	0	0
RP-03	1999-04-23	3	0	0	0
RP-04	1999-06-23	3	1	0	0
RP-05	1999-10-13	3	2	0	0
RP-06	1999-12-17	3	3	0	0
RP-07	2000-03-15	3	4	0	0
RP-08	2000-06-30	3	5	0	0
RP-09	2000-10-16	3	6	0	0
RP-11	2001-03-27	3	7	0	0
RP-12	2001-06-19	3	8	0	0
RP-14	2002-01-04	3	9	0	0
RP-16	2002-06-17	3	10	0	0
RP-17	2002-09-18	3	11	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.302 Services provided by the physical layer

current version: 3.16.0

freeze\_meeting: SP-05

remarks - general: V3.0.0 approved via e-mail July 99 CR at TSG#5?

WG (prime / other): R2 / -

G: U: yes

rapporteur: MIHAILESCU, Claudiu

MCC: ARZELIER, Claude

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete draft	1999-03-04	1	.	0	.	0
RP-03	1999-04-23	2	.	0	.	0
RP-04	1999-06-23	2	.	3	.	0
RP-05	1999-10-13	3	.	1	.	0
RP-06	1999-12-12	3	.	2	.	0
RP-07	2000-03-15	3	.	4	.	0
RP-08	2000-06-23	3	.	5	.	0
RP-09	2000-10-16	3	.	6	.	0
RP-10	2000-12-20	3	.	7	.	0
RP-11	2001-03-27	3	.	8	.	0
RP-12	2001-06-19	3	.	9	.	0
RP-13	2001-10-02	3	.	10	.	0
RP-14	2002-01-04	3	.	11	.	0
RP-15	2002-03-19	3	.	12	.	0
RP-16	2002-06-17	3	.	13	.	0
RP-17	2002-09-18	3	.	14	.	0
RP-18	2002-12-20	3	.	15	.	0
RP-21	2003-10-02	3	.	16	.	0

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.303 Interlayer procedures in Connected Mode

R99 current version: 3.12.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur: MIKOLA, Juha  
MCC: ARZELIER, Claude

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete draft	1999-03-04	1	.	0	.	0
RP-03	1999-04-23	2	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0
RP-06	1999-12-12	3	.	2	.	0
RP-07	2000-03-15	3	.	3	.	0
RP-08	2000-06-23	3	.	4	.	0
RP-09	2000-10-16	3	.	5	.	0
RP-10	2000-12-20	3	.	6	.	0
RP-11	2001-03-27	3	.	7	.	0
RP-12	2001-06-19	3	.	8	.	0
RP-13	2001-10-02	3	.	9	.	0
RP-14	2002-01-04	3	.	10	.	0
RP-15	2002-03-19	3	.	11	.	0
RP-16	2002-06-17	3	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

R99  
current version: 3.14.0  
freeze\_meeting: SP-05

WG (prime / other): R2 / -

rapporteur: BARRETO, Luis  
ARZELIER, Claude

G: U: yes

MCC:  
remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

Start of work	1999-01-15	0	1	1	0
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	1	2	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-12	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-16	3	4	0	0
RP-10	2000-12-22	3	5	0	0
RP-11	2001-03-27	3	6	0	0
RP-12	2001-06-27	3	7	0	0
RP-13	2001-10-02	3	8	0	0
RP-14	2002-01-04	3	9	0	0
RP-15	2002-03-19	3	10	0	0
RP-16	2002-06-17	3	11	0	0
RP-18	2003-01-08	3	12	0	0
RP-20	2003-06-25	3	13	0	0
RP-23	2004-03-24	3	14	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TS 25.305** User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2  
R99 WG (prime / other): R2 / -

MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
ARZELIER, Claude

rapporteur:  
MCC:

G: U: yes

remarks - this release:

remarks - general: Created from 25.923

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	1	.	4	.	0
RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-16	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-03-27	3	.	5	.	0
RP-12	2001-06-19	3	.	6	.	0
RP-14	2002-01-04	3	.	7	.	0
RP-15	2002-03-19	3	.	8	.	0
RP-20	2003-06-20	3	.	9	.	0
RP-21	2003-10-02	3	.	10	.	0
RP-22	2004-01-12	3	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.306 UE Radio Access capabilities definition

R99  
current version: 3.10.0  
freeze\_meeting: SP-10  
WG (prime / other): R2 / -  
G: U: yes  
rapporteur: BERGGREN, Anders Ericsson Incorporated  
MCC: ARZELIER, Claude  
remarks - general: Converted from TR 25.926 at TSG#10.  
remarks - this release: Converted from TR 25.926 v3.2.0 Nov 00.

### history (event, available, version, comments, hyperlink):

RP-10	2000-12-22	3	0	0	<a href="#">get it</a>
RP-11	2001-03-27	3	1	0	<a href="#">get it</a>
RP-12	2001-06-19	3	2	0	<a href="#">get it</a>
RP-13	2001-10-02	3	3	0	<a href="#">get it</a>
RP-14	2002-01-04	3	4	0	<a href="#">get it</a>
RP-15	2002-03-19	3	5	0	<a href="#">get it</a>
RP-16	2002-06-17	3	6	0	<a href="#">get it</a>
RP-18	2003-01-08	3	7	0	<a href="#">get it</a>
RP-20	2003-06-20	3	8	0	<a href="#">get it</a>
RP-21	2003-10-02	3	9	0	<a href="#">get it</a>
RP-22	2004-01-12	3	10	0	<a href="#">get it</a>

## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

R99  
current version: 3.4.0  
freeze\_meeting: RP-13  
WG (prime / other): R2 / R4  
G: U: yes  
rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
MCC: ARZELIER, Claude  
remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.  
remarks - this release: Expect continual updates each time a new band is allowed.

### history (event, available, version, comments, hyperlink):

RP-12	2001-06-27	2	0	0	<a href="#">get it</a>
RP-13	2001-10-01	2	1	0	<a href="#">get it</a> RP-010326, to be approved RP-13. debate! RP-010557, but not for approval? - debate! <a href="#">get it</a>
RP-13	2001-10-02	3	0	0	<a href="#">get it</a> Was approved after all!
RP-14	2002-01-04	3	1	0	<a href="#">get it</a>
RP-22	2004-01-12	3	2	0	<a href="#">get it</a>
RP-23	2004-03-24	3	3	0	<a href="#">get it</a>
RP-25	2004-09-23	3	4	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.321 Medium Access Control (MAC) protocol specification

R99 current version: 3.17.0

freeze\_meeting: TP-04

remarks - general:

WG (prime / other): R2 / -

rapporteur: STADLER, Thomas

MCC: ARZELIER, Claude

G: U: yes

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
draft	1999-03-04	1	0	0	0
RP-03	1999-04-23	2	0	0	0
RP-04	1999-06-23	3	0	0	0
RP-05	1999-10-13	3	1	0	0
RP-06	1999-12-12	3	2	0	0
RP-07	2000-03-15	3	3	0	0
RP-08	2000-06-23	3	4	0	0
RP-09	2000-10-16	3	5	0	0
RP-10	2000-12-20	3	6	0	0
RP-11	2001-03-27	3	7	0	0
RP-12	2001-06-19	3	8	0	0
RP-13	2001-10-02	3	9	0	0
RP-14	2002-01-04	3	10	0	0
RP-15	2002-03-19	3	11	0	0
RP-16	2002-06-17	3	12	0	0
RP-17	2002-09-18	3	13	0	0
RP-18	2003-01-08	3	14	0	0
RP-19	2003-03-25	3	15	0	0
RP-21	2003-10-02	3	16	0	0
RP-24	2004-06-17	3	17	0	0

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.322 Radio Link Control (RLC) protocol specification

R99  
current version: 3.18.0  
freeze\_meeting: SP-05

WG (prime / other): R2 / -  
G: U: yes

rappporteur: HUS, Olivier  
MCC: ARZELIER, Claude

Philips Research Laboratories

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
RP-03	1999-04-23	1	0	0	0
RP-04	1999-06-23	1	1	0	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-17	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-16	3	4	0	0
RP-10	2000-12-20	3	5	0	0
RP-11	2001-03-27	3	6	0	0
RP-12	2001-06-19	3	7	0	0
RP-13	2001-10-03	3	8	0	0
RP-14	2002-01-04	3	9	0	0
RP-15	2002-03-19	3	10	0	0
RP-16	2002-06-17	3	11	0	0
RP-17	2002-09-19	3	12	0	0
RP-18	2003-01-10	3	13	0	0
RP-19	2003-03-25	3	14	0	0
RP-20	2003-06-20	3	15	0	0
RP-21	2003-10-02	3	16	0	0
RP-22	2004-01-12	3	17	0	0
RP-24	2004-06-17	3	18	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 current version: 3.10.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R2 / -

G: U: yes

INFINEON TECHNOLOGIES

HANS, Martin

ARZELIER, Claude

rappporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	0	.	1	.	0
RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-06	3	.	3	.	0
RP-11	2001-03-27	3	.	4	.	0
RP-12	2001-06-19	3	.	5	.	0
RP-13	2001-10-02	3	.	6	.	0
RP-14	2002-01-04	3	.	7	.	0
RP-15	2002-03-19	3	.	8	.	0
RP-16	2002-06-17	3	.	9	.	0
RP-17	2002-09-18	3	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.324 Broadcast/Multicast Control (BMC)

R99 current version: 3.9.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	0	.	1	.	0
RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-09	2000-10-06	3	.	2	.	0
RP-10	2000-12-20	3	.	3	.	0
RP-11	2001-03-27	3	.	4	.	0
RP-16	2002-06-17	3	.	5	.	0
RP-18	2003-01-13	3	.	6	.	0
RP-19	2003-03-25	3	.	7	.	0
RP-24	2004-06-17	3	.	8	.	0
RP-26	2005-01-04	3	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.331 Radio Resource Control (RRC) protocol specification

R99  
current version: 3.21.0  
freeze\_meeting: SP-05

WG (prime / other): R2 / -  
G: U: yes

rappporteur: KUCHIBHOTLA, Ravi  
MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete draft	1999-03-04	1	. 0 . 0
RP-04	1999-06-23	1	. 1 . 0
RP-05	1999-10-13	3	. 0 . 0
RP-06	1999-12-12	3	. 1 . 0
RP-07	2000-03-15	3	. 2 . 0
RP-08	2000-06-23	3	. 3 . 0
RP-09	2000-10-06	3	. 4 . 0
removal of CR 520	2000-10-06	3	. 4 . 1
RP-10	2000-12-21	3	. 5 . 0
RP-11	2001-03-27	3	. 6 . 0
RP-12	2001-06-27	3	. 7 . 0
RP-13	2001-10-01	3	. 8 . 0
RP-14	2002-01-04	3	. 9 . 0
RP-15	2002-03-25	3	. 10 . 0
RP-16	2002-06-17	3	. 11 . 0
RP-17	2002-09-18	3	. 12 . 0
RP-18	2003-01-09	3	. 13 . 0
RP-19	2003-03-25	3	. 14 . 0
RP-20	2003-06-20	3	. 15 . 0
RP-21	2003-10-02	3	. 16 . 0
RP-22	2004-01-12	3	. 17 . 0
RP-23	2004-03-24	3	. 18 . 0
RP-24	2004-06-22	3	. 19 . 0
RP-25	2004-09-27	3	. 20 . 0
RP-26	2004-12-23	3	. 21 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TS 25.401** UTRAN overall description  
R99 current version: 3.10.0  
freeze\_meeting: SP-05  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: GODIN, Philippe  
MCC: CALDENHOVEN, Juergen  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
First complete draft	1999-03-04	1	0	0	0
RP-04	1999-06-23	1	1	1	1
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-17	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-08	2000-06-23	3	3	0	0
RP-09	2000-10-05	3	4	0	0
RP-10	2000-12-21	3	5	0	0
RP-11	2001-04-06	3	6	0	0
RP-12	2001-07-06	3	7	0	0
RP-13	2001-10-12	3	8	0	0
RP-15	2002-04-02	3	9	0	0
RP-16	2002-06-28	3	10	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.402 Synchronisation in UTRAN Stage 2

R99 current version: 3.10.0

freeze\_meeting: SP-06

remarks - general: New

WG (prime / other): R3 / -

G: U: yes

rapporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	0	0	1	
RP-06	1999-12-17	3	0	0	<a href="#">get it</a>
RP-07	2000-03-17	3	1	0	<a href="#">get it</a>
RP-08	2000-06-23	3	2	0	<a href="#">get it</a>
RP-09	2000-10-05	3	3	0	<a href="#">get it</a>
RP-10	2000-12-22	3	4	0	<a href="#">get it</a>
RP-11	2001-04-06	3	5	0	<a href="#">get it</a>
RP-12	2001-07-06	3	6	0	<a href="#">get it</a>
RP-13	2001-10-12	3	7	0	<a href="#">get it</a>
RP-14	2002-01-11	3	8	0	<a href="#">get it</a>
RP-15	2002-04-02	3	9	0	<a href="#">get it</a>
RP-16	2002-06-28	3	10	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99  
current version: 3.8.0  
freeze\_meeting: SP-05  
remarks - general: Approval at TSG#5

WG (prime / other): R3 / -

rapporteur: DIESEN, Michael

MCC: CALDENHOVEN, Juergen

MOTOROLA Ltd

G: U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	1999-03-04	0	0	0	0
RP-03	1999-04-23	0	1	0	0
RP-04	1999-06-23	0	2	1	0
RP-05	1999-10-13	3	0	0	0
RP-06	1999-12-12	3	1	0	0
RP-07	2000-03-15	3	2	0	0
RP-10	2000-12-21	3	3	0	0
RP-12	2001-07-06	3	4	0	0
RP-13	2001-10-12	3	5	0	0
RP-14	2002-01-11	3	6	0	0
RP-16	2002-06-28	3	7	0	0
RP-17	2002-09-30	3	8	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.411 UTRAN lu interface layer 1

R99 current version: 3.5.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -

rapporteur: KUNZ, Walter

MCC: CALDENHOVEN, Juergen

G: U: yes

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03 1999-04-23 0 . 0 . 0

TB adoption of WI 1999-01-15 0 . 0 . 0

Creation of WI by 1999-01-15 0 . 0 . 0

WG/TB

RP-04 1999-06-23 3 . 0 . 0

RP-06 1999-12-12 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-10 2000-12-21 3 . 3 . 0

RP-11 2001-04-06 3 . 4 . 0

RP-12 2001-07-06 3 . 5 . 0

## TS 25.412 UTRAN lu interface signalling transport

R99 current version: 3.6.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -

rapporteur: NG, Cheng Hock

MCC: CALDENHOVEN, Juergen

G: U: yes

NEC Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-04 1999-06-23 3 . 0 . 0

RP-05 1999-10-13 3 . 1 . 0

RP-06 1999-12-17 3 . 2 . 0

RP-07 2000-03-15 3 . 3 . 0

RP-08 2000-06-23 3 . 4 . 0

RP-09 2000-10-05 3 . 5 . 0

RP-10 2000-12-21 3 . 6 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TS 25.413** UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling  
R99 current version: 3.14.0  
freeze\_meeting: RP-06  
G: U: yes  
R3 / - rapporteur: GUYOT, Olivier NOKIA Corporation  
CALDENHOVEN, Juergen  
MCC:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-02-04	0	0	0	0	<a href="#">get it</a>
RP-03	1999-04-23	1	0	0	0	<a href="#">get it</a>
RP-04	1999-06-23	1	0	2	0	<a href="#">get it</a>
RP-05	1999-10-13	1	3	1	0	<a href="#">get it</a>
RP-06	1999-12-17	3	0	0	0	<a href="#">get it</a>
RP-07	2000-03-15	3	1	0	0	<a href="#">get it</a>
RP-08	2000-06-23	3	2	0	0	<a href="#">get it</a>
RP-09	2000-10-05	3	3	0	0	<a href="#">get it</a>
RP-10	2000-12-22	3	4	0	0	<a href="#">get it</a>
RP-11	2001-04-06	3	5	0	0	<a href="#">get it</a>
RP-12	2001-07-06	3	6	0	0	<a href="#">get it</a>
RP-13	2001-10-12	3	7	0	0	<a href="#">get it</a>
RP-14	2002-01-14	3	8	0	0	<a href="#">get it</a>
RP-15	2002-04-02	3	9	0	0	<a href="#">get it</a>
RP-16	2002-07-05	3	10	0	0	<a href="#">get it</a>
RP-17	2002-09-30	3	11	0	0	<a href="#">get it</a>
edito post	RP-17	2002-10-03	3	11	1	<a href="#">get it</a>
RP-18	2003-01-03	3	12	0	0	<a href="#">get it</a>
RP-20	2003-06-17	3	13	0	0	<a href="#">get it</a>
RP-21	2003-09-30	3	14	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.414 UTRAN Iu interface data transport & transport signalling

R99 current version: 3.13.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: ISRAELSSON, Martin

MCC: CALDENHOVEN, Juergen

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-02-04	0	.	0	.	0	.	0
draft	1999-03-04	1	.	0	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0	.	0
RP-06	1999-12-12	3	.	2	.	0	.	0
RP-07	2000-03-15	3	.	3	.	0	.	0
RP-08	2000-06-23	3	.	4	.	0	.	0
RP-09	2000-10-05	3	.	5	.	0	.	0
RP-10	2000-12-21	3	.	6	.	0	.	0
RP-11	2001-04-06	3	.	7	.	0	.	0
RP-13	2001-10-12	3	.	8	.	0	.	0
RP-14	2002-01-14	3	.	9	.	0	.	0
RP-15	2002-04-02	3	.	10	.	0	.	0
RP-16	2002-06-28	3	.	11	.	0	.	0
RP-18	2003-01-03	3	.	12	.	0	.	0
RP-19	2003-03-26	3	.	13	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.415 UTRAN lu interface user plane protocols

R99 current version: 3.12.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0	.	0
RP-04	1999-06-23	0	.	1	.	3	.	3
RP-05	1999-10-13	3	.	0	.	0	.	0
RP-06	1999-12-17	3	.	1	.	0	.	0
RP-07	2000-03-15	3	.	2	.	0	.	0
RP-08	2000-06-23	3	.	3	.	0	.	0
RP-09	2000-10-05	3	.	4	.	0	.	0
RP-10	2000-12-21	3	.	5	.	0	.	0
RP-11	2001-04-06	3	.	6	.	0	.	0
RP-12	2001-07-06	3	.	7	.	0	.	0
RP-13	2001-10-12	3	.	8	.	0	.	0
RP-14	2002-01-14	3	.	9	.	0	.	0
RP-15	2002-03-25	3	.	10	.	0	.	0
RP-16	2002-06-28	3	.	11	.	0	.	0
RP-17	2002-09-26	3	.	12	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99  
current version: 3.11.0  
freeze\_meeting: SP-07

WG (prime / other): R3 / -  
rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc  
MCC: CALDENHOVEN, Juergen

G: U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

RP-06	1999-12-17	0	0	0	0	
RP-07		2	0	0	0	RP-000113
RP-07	2000-03-15	3	0	0	0	
RP-08	2000-06-23	3	1	0	0	
RP-09	2000-10-05	3	2	0	0	
RP-10	2000-12-21	3	3	0	0	
RP-11	2001-04-06	3	4	0	0	
RP-12	2001-07-06	3	5	0	0	
RP-13	2001-10-12	3	6	0	0	
RP-14	2002-01-11	3	7	0	0	
RP-15	2002-04-02	3	8	0	0	
RP-16	2002-06-28	3	9	0	0	
RP-17	2002-09-30	3	10	0	0	
RP-20	2003-06-17	3	11	0	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.420 UTRAN Iur interface: General Aspects and Principles

R99  
current version: 3.5.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: PALAT, Sudeep  
MCC: CALDENHOVEN, Juergen  
Lucent Technologies Network Systems UK

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	. 1	. 0
RP-04	1999-06-23	0	. 1	. 3
RP-05	1999-10-13	1	. 0	. 1
RP-06	1999-12-12	3	. 0	. 0
RP-07	2000-03-15	3	. 1	. 0
RP-09	2000-10-05	3	. 2	. 0
RP-11	2001-04-05	3	. 3	. 0
RP-14	2002-01-11	3	. 4	. 0
RP-15	2002-04-02	3	. 5	. 0

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## TS 25.421 UTRAN Iur interface Layer 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -  
U: yes  
rapporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	. 0	. 0
RP-04	1999-06-23	3	. 0	. 0
RP-11	2001-04-06	3	. 1	. 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.422 UTRAN Iur interface signalling transport

R99 current version: 3.6.1

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: PALAT, Sudeep

MCC: CALDENHOVEN, Juergen

Lucent Technologies Network Systems UK

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0	.	0
RP-06	1999-12-12	3	.	2	.	0	.	0
RP-07	2000-03-15	3	.	3	.	0	.	0
RP-08	2000-06-23	3	.	4	.	0	.	0
edito	2000-10-05	3	.	4	.	1	.	0
RP-10	2000-12-21	3	.	5	.	0	.	0
RP-14	2002-01-11	3	.	6	.	0	.	0
edito post	RP-14 2002-04-02	3	.	6	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

WG (prime / other): R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson

current version: 3.14.2

freeze\_meeting: SP-06

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	draft	1999-03-19	0	.	0	.	0	.	0	<a href="#">get it</a>
RP-04		1999-04-23	1	.	0	.	0	.	0	<a href="#">get it</a>
RP-05		1999-06-23	1	.	1	.	1	.	1	<a href="#">get it</a>
RP-06		1999-10-13	1	.	4	.	0	.	0	<a href="#">get it</a>
RP-07		1999-12-12	3	.	0	.	0	.	0	<a href="#">get it</a>
RP-08		2000-03-15	3	.	1	.	0	.	0	<a href="#">get it</a>
RP-09		2000-06-23	3	.	2	.	0	.	0	<a href="#">get it</a>
RP-10		2000-10-05	3	.	3	.	0	.	0	<a href="#">get it</a>
RP-11		2001-01-02	3	.	4	.	0	.	0	<a href="#">get it</a>
RP-12		2001-04-06	3	.	5	.	0	.	0	<a href="#">get it</a>
RP-13		2001-07-06	3	.	6	.	0	.	0	<a href="#">get it</a>
RP-14		2001-10-12	3	.	7	.	0	.	0	<a href="#">get it</a>
RP-15		2002-01-11	3	.	8	.	0	.	0	<a href="#">get it</a>
RP-16		2002-04-02	3	.	9	.	0	.	0	<a href="#">get it</a>
RP-17		2002-07-05	3	.	10	.	0	.	0	<a href="#">get it</a>
RP-18		2002-09-30	3	.	11	.	0	.	0	<a href="#">get it</a>
RP-19		2003-01-03	3	.	12	.	0	.	0	<a href="#">get it</a>
RP-20		2003-03-26	3	.	13	.	0	.	0	<a href="#">get it</a>
RP-21		2003-09-30	3	.	14	.	0	.	0	<a href="#">get it</a>
RP-24		2004-06-18	3	.	14	.	1	.	1	ASN.1 editorials
post RP-24	edito	2004-07-22	3	.	14	.	2	.	2	Correction of typo in history box.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

WG (prime / other): R3 / -

G: U: yes

rapporteur: DREVON, Nicolas

MCC: CALDENHOVEN, Juergen

ALCATEL S.A.

remarks - this release:

freeze\_meeting: SP-04

current\_version: 3.9.0

remarks - general:

### history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0	.	0
RP-07	2000-03-15	3	.	2	.	0	.	0
RP-08	2000-06-23	3	.	3	.	0	.	0
RP-09	2000-10-05	3	.	4	.	0	.	0
RP-10	2000-12-21	3	.	5	.	0	.	0
RP-11	2001-04-06	3	.	6	.	0	.	0
RP-14	2002-01-11	3	.	7	.	0	.	0
RP-15	2002-04-02	3	.	8	.	0	.	0
RP-16	2002-06-28	3	.	9	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

R99  
current version: 3.8.0  
freeze\_meeting: SP-05

WG (prime / other): R3 / -

rappporteur: DREVON, Nicolas

/ -

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

draft	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0	.	0
RP-04	1999-06-23	0	.	2	.	0	.	0
RP-05	1999-10-13	0	.	2	.	5	.	0
RP-06	1999-12-12	3	.	0	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0	.	0
RP-08	2000-06-23	3	.	2	.	0	.	0
RP-10	2000-12-21	3	.	3	.	0	.	0
RP-11	2001-04-06	3	.	4	.	0	.	0
RP-13	2001-10-12	3	.	5	.	0	.	0
RP-14	2002-01-11	3	.	6	.	0	.	0
RP-15	2002-04-02	3	.	7	.	0	.	0
RP-22	2004-01-13	3	.	8	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

WG (prime / other): R3 / -

rapporteur: KEKKI, Sami

MCC: CALDENHOVEN, Juergen

current version: 3.9.0

freeze\_meeting: SP-04

U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0	.	0
RP-07	2000-03-15	3	.	2	.	0	.	0
RP-08	2000-06-23	3	.	3	.	0	.	0
RP-09	2000-10-05	3	.	4	.	0	.	0
RP-10	2000-12-21	3	.	5	.	0	.	0
RP-11	2001-04-06	3	.	6	.	0	.	0
RP-14	2002-01-11	3	.	7	.	0	.	0
RP-15	2002-04-04	3	.	8	.	0	.	0
RP-16	2002-06-28	3	.	9	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

WG (prime / other): R3 / -  
G: U: yes

rapporteur: HAKULI, Tuomas  
MCC: CALDENHOVEN, Juergen

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	1	0	
RP-04	1999-06-23	0	2	1	<a href="#">get it</a>
RP-05	1999-10-13	3	0	0	<a href="#">get it</a>
RP-06	1999-12-12	3	1	0	<a href="#">get it</a>
RP-07	2000-03-15	3	2	0	<a href="#">get it</a>
RP-08	2000-06-23	3	3	0	<a href="#">get it</a>
RP-09	2000-10-05	3	4	0	<a href="#">get it</a>
RP-10	2000-12-21	3	5	0	<a href="#">get it</a>
RP-11	2001-04-06	3	6	0	<a href="#">get it</a>
RP-12	2001-07-06	3	7	0	<a href="#">get it</a>
RP-13	2001-10-12	3	8	0	<a href="#">get it</a>
RP-14	2002-01-11	3	9	0	<a href="#">get it</a>
RP-18	2003-01-03	3	10	0	<a href="#">get it</a>
RP-22	2004-01-13	3	11	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.430 UTRAN lub Interface: General Aspects and Principles

R99  
current version: 3.8.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: KOIZUMI, Yoshiko  
MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0	.	0
RP-04	1999-06-23	0	.	1	.	2	.	0
RP-05	1999-10-13	2	.	0	.	0	.	0
RP-06	1999-12-12	3	.	0	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0	.	0
RP-08	2000-06-23	3	.	2	.	0	.	0
RP-09	2000-10-05	3	.	3	.	0	.	0
RP-10	2000-12-21	3	.	4	.	0	.	0
RP-11	2001-04-06	3	.	5	.	0	.	0
RP-12	2001-07-06	3	.	6	.	0	.	0
RP-14	2002-01-11	3	.	7	.	0	.	0
RP-16	2002-06-28	3	.	8	.	0	.	0

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## TS 25.431 UTRAN lub interface Layer 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0	.	0
Creation of WI by WG/TB	1999-01-15	0	.	0	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0	.	0
RP-11	2001-04-06	3	.	1	.	0	.	0

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.432 UTRAN lub interface: signalling transport

R99 current version: 3.1.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KOIZUMI, Yoshiko

MCC: CALDENHOVEN, Juergen

Fujitsu Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.14.2

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R3 / - rapporteur: SEHEDIC, Yann

G: U: yes MCC: CALDENHOVEN, Juergen

Nortel Networks Germany GmbH & Co. KG

remarks - this release:

### history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	. 0	. 0	
RP-03	1999-04-23	1	. 0	. 0	<a href="#">get it</a>
RP-04	1999-06-23	1	. 0	. 2	<a href="#">get it</a>
RP-05	1999-10-13	1	. 3	. 0	<a href="#">get it</a>
RP-06	1999-12-12	3	. 0	. 0	<a href="#">get it</a>
RP-07	2000-03-15	3	. 1	. 0	<a href="#">get it</a>
RP-08	2000-06-23	3	. 2	. 0	<a href="#">get it</a>
RP-09	2000-10-05	3	. 3	. 0	<a href="#">get it</a>
RP-10	2000-12-22	3	. 4	. 0	<a href="#">get it</a>
edito	2001-02-01	3	. 4	. 1	<a href="#">get it</a>
RP-11	2001-04-06	3	. 5	. 0	<a href="#">get it</a>
RP-12	2001-07-06	3	. 6	. 0	<a href="#">get it</a>
RP-13	2001-10-12	3	. 7	. 0	<a href="#">get it</a>
RP-14	2002-01-11	3	. 8	. 0	<a href="#">get it</a>
RP-15	2002-04-04	3	. 9	. 0	<a href="#">get it</a>
RP-16	2002-07-19	3	. 10	. 0	<a href="#">get it</a>
RP-17	2002-09-30	3	. 11	. 0	<a href="#">get it</a>
RP-18	2003-01-03	3	. 12	. 0	<a href="#">get it</a>
RP-19	2003-03-31	3	. 13	. 0	<a href="#">get it</a>
RP-21	2003-09-30	3	. 14	. 0	<a href="#">get it</a>
RP-24	2004-06-18	3	. 14	. 1	ASN.1 editorials
post-RP-25	2004-09-24	3	. 14	. 2	ASN.1 editorials

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

current version: 3.8.0

freeze\_meeting: SP-04

WG (prime / other): R3 / -

rapporteur: LAVASANI, Shahab

TeliaSonera AB

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

draft	1999-03-19	0	.	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0	.	0
RP-07	2000-03-15	3	.	2	.	0	.	0
RP-09	2000-10-05	3	.	3	.	0	.	0
RP-10	2000-12-21	3	.	4	.	0	.	0
RP-11	2001-04-06	3	.	5	.	0	.	0
RP-14	2002-01-11	3	.	6	.	0	.	0
RP-15	2002-04-02	3	.	7	.	0	.	0
RP-16	2002-06-28	3	.	8	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99  
current version: 3.11.0  
freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	. 1	. 0
RP-04	1999-06-23	0	. 2	. 1
RP-05	1999-10-13	3	. 0	. 0
RP-06	1999-12-12	3	. 1	. 0
RP-07	2000-03-15	3	. 2	. 0
RP-08	2000-06-23	3	. 3	. 0
RP-09	2000-10-10	3	. 4	. 0
RP-10	2000-12-21	3	. 5	. 0
RP-11	2001-04-06	3	. 6	. 0
RP-12	2001-07-06	3	. 7	. 0
RP-13	2001-10-12	3	. 8	. 0
RP-14	2002-01-11	3	. 9	. 0
RP-15	2002-04-02	3	. 10	. 0
RP-22	2004-01-13	3	. 11	. 0

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## TS 25.442 UTRAN implementation-specific O&M transport

R99  
current version: 3.1.0  
freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: HAUSER, Alexander

G: U: yes MCC: CALDENHOVEN, Juergen

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	. 0	. 0
RP-04	1999-06-23	0	. 0	. 2
RP-05	1999-10-13	3	. 0	. 0
RP-07	2000-03-15	3	. 1	. 0

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.832 Manifestations of Handover and SRNS relocation

R99  
current version: 3.0.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: TOWNEND, Richard  
MCC: CALDENHOVEN, Juergen

mm02 plc

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft 1999-03-04 0 . 0 . 0  
WG approval 1999-03-19 1 . 0 . 0  
RP-03 1999-04-23 2 . 0 . 0  
RP-04 1999-06-23 2 . 1 . 1  
RP-05 1999-10-13 3 . 0 . 0

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## TR 25.833 Physical layer items not for inclusion in Release 99

R99  
current version: 3.0.0  
freeze\_meeting: SP-06

remarks - general: Created Jan 2000 (aka R1.03)

WG (prime / other): R1 / -  
G: U: yes

rappporteur: IKEDA, Shinobu  
MCC: ISHII, Yoshikazu

NEC Corporation

remarks - this release: 2003-11-28: WG Chairman intends that this be brought under change control at RP-22.

history (event, available, version, comments, hyperlink):

RP-08 2001-01-12 1 . 1 . 0  
RP-22 2 . 0 . 0 RP-030645  
RP-22 2004-01-14 3 . 0 . 0

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## TR 25.853 Delay budget within the access stratum

R99  
current version: 3.1.0  
freeze\_meeting: RP-11

remarks - general: Was 25.932. Approved and renumbered at TSG#10.

WG (prime / other): R3 / -  
G: U: yes

rappporteur: VON BRANDT, Armin  
MCC: CALDENHOVEN, Juergen

SIEMENS AG

remarks - this release: TSG#10:3.0.0 (is evidently R99 not Rel-4)

history (event, available, version, comments, hyperlink):

draft 2001-04-06 0 . 0 . 0  
RP-10 2000-12-22 3 . 0 . 0  
RP-11 2001-04-06 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.921 Guidelines and principles for protocol description and error handling

current version: 3.11.0

freeze\_meeting: SP-06

WG (prime / other): R2 / -

G: U: yes

rapporteur: BARRETO, Luis

MCC: ARZELIER, Claude

NOKIA UK Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	.	0	.	0
and Scope						
RP-03	1999-04-23	1	.	0	.	0
RP-05	1999-10-13	1	.	3	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-10	2000-12-20	3	.	2	.	0
RP-11	2001-03-27	3	.	3	.	0
RP-12	2001-06-19	3	.	4	.	0
RP-13	2001-10-02	3	.	5	.	0
RP-14	2002-01-04	3	.	6	.	0
RP-15	2002-03-19	3	.	7	.	0
RP-18	2003-01-13	3	.	8	.	0
RP-21	2003-10-02	3	.	9	.	0
RP-23	2004-03-26	3	.	10	.	0
RP-24	2004-06-17	3	.	11	.	0

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.922 Radio resource management strategies

R99 current version: 3.8.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R2 / - rapporteur: HUS, Olivier

G: U: yes MCC: ARZELIER, Claude

Philips Research Laboratories

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft	1999-03-04	0	0	0	0
RP-03	1999-04-23	0	1	1	1
RP-04	1999-06-23	0	2	0	0
RP-05	1999-10-13	0	5	0	0
RP-06	1999-12-12	3	0	0	0
RP-07	2000-03-15	3	1	0	0
RP-08	2000-06-23	3	2	0	0
RP-09	2000-10-16	3	3	0	0
RP-10	2000-12-20	3	4	0	0
RP-11	2001-03-27	3	5	0	0
RP-13	2001-10-02	3	6	0	0
RP-15	2002-03-19	3	7	0	0
RP-23	2004-03-24	3	8	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.925 Radio Interface for Broadcast/Multicast Services

current version: 3.5.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R2 / -

G: U: yes

rapporteur: KRISCHAN, Peter

MCC: ARZELIER, Claude

Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft	1999-03-04	0	0	0	0
RP-03	1999-04-23	0	0	2	
RP-04	1999-06-23	0	1	0	
RP-05	1999-10-13	0	2	0	
RP-06	1999-12-21	3	0	0	
RP-07	2000-03-15	3	1	0	
RP-09	2000-10-06	3	2	0	
RP-10	2000-12-20	3	3	0	
RP-11	2001-03-27	3	4	0	
RP-26	2004-12-23	3	5	0	

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.931 UTRAN Functions, examples on signalling procedures

R99 current version: 3.7.0

freeze\_meeting: SP-07

remarks - general:

WG (prime / other): R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	1	0	0	
RP-04	1999-06-23	1	1	1	
RP-05	1999-10-13	1	2	2	
RP-07	2000-03-15	1	2	4	RP-000125
RP-08	2000-06-23	3	0	0	
RP-09	2000-10-05	3	1	0	
RP-10	2000-12-21	3	2	0	
RP-11	2001-04-06	3	3	0	
RP-12	2001-07-05	3	4	0	
RP-14	2002-01-11	3	5	0	
RP-15	2002-04-02	3	6	0	
RP-16	2002-06-28	3	7	0	

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## TR 25.941

R99 Document structure

current version: 3.1.0

freeze\_meeting: RP-06

remarks - general:

WG (prime / other): R4 / - rapporteur: TAKAMI, Tadao NTT DoCoMo Inc

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	0	1	
RP-04	1999-06-23	1	0	0	
RP-05	1999-10-13	3	0	0	
RP-06	1999-12-17	3	1	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.942 Radio Frequency (RF) system scenarios

R99 current version: 3.3.0

freeze\_meeting: SP-11

remarks - general: Additional rapporteur = A.De Pasquale.

WG (prime / other): R4 / - rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	0	2	
RP-04	1999-06-23	1	0	0	
RP-05	1999-10-13	2	0	0	
RP-06	1999-12-12	2	1	1	
RP-07	2000-03-15	2	1	3	
RP-09	2000-10-26	2	3	0	
RP-11	2001-04-10	3	0	0	
RP-12	2001-07-03	3	1	0	
RP-14	2002-01-14	3	2	0	
RP-16	2002-07-03	3	3	0	

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## TR 25.944 Channel coding and multiplexing examples

R99 current version: 3.5.0

freeze\_meeting: SP-07

remarks - general: Created Jan 2000 (aka R1.04)

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu

G: U: yes MCC: ISHII, Yoshikazu

NEC Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

editor's draft	1999-11-25	0	0	1	
R1-09	1999-12-15	1	0	0	
RP-07	2000-03-16	3	0	0	
RP-08	2000-06-23	3	1	0	
RP-09	2000-10-18	3	2	0	
RP-10	2000-12-22	3	3	0	
RP-11	2001-04-06	3	4	0	
edito	2001-04-10	3	4	1	
RP-12	2001-06-28	3	5	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.993

R99 **Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)**

current version: 3.1.0

freeze\_meeting: SP-06

WG (prime / other): R2 /

rappporteur: FAUCONNIER, Denis

MCC: NORTEL NETWORKS (EUROPE)

G: ARZELIER, Claude

U: yes

remarks - general:

remarks - this release: Pointer to latest release version.

history (event, available, version, comments, hyperlink):

RP-18	2003-01-13	3	0	0	0	
RP-22	2004-01-12	3	1	1	0	

Back creation from Rel-6 version

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## R99

26 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.071

R99 **AMR speech Codec; General description**

current version: 3.0.1

freeze\_meeting: SP-04

WG (prime / other): S4 / -

rappporteur: EKUDDEN, Erik

MCC: Telefon AB LM Ericsson

G: USAI, Paolino

U: yes

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	0	0	0	
SP-04	1999-06-23	3	0	0	0	
SP-05	1999-10-13	3	0	1	1	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.073 AMR speech Codec; C-source code

R99 current version: 3.3.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04	1999-06-23	0	.	1	.	0
SP-03	1999-04-23	0	.	1	.	0
SP-05	1999-10-13	1	.	0	.	0
SP-06	1999-12-17	3	.	0	.	0
SP-07	2000-03-15	3	.	1	.	0
SP-11	2001-04-10	3	.	2	.	0
SP-14	2002-01-09	3	.	3	.	0

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## TS 26.074 AMR speech Codec; Test sequences

R99 current version: 3.1.1  
freeze\_meeting: SP-06

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	0	.	0	.	0
SP-04	1999-06-23	1	.	0	.	0
SP-05	1999-10-13	2	.	0	.	0
SP-06	1999-12-17	3	.	0	.	0
Test sequences available	2000-02-02	3	.	0	.	1
Test sequences corrected	2000-09-14	3	.	0	.	2
SP-11	2001-04-10	3	.	1	.	0
corrected test	2001-07-04	3	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 26 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.090 AMR speech Codec; Transcoding Functions

current version: 3.1.0

freeze\_meeting: SP-04

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik

USAI, Paolino

G: yes U: yes

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	0	0
SP-04	1999-06-23	3	0	0
SP-05	1999-10-13	3	0	1
SP-06	1999-12-17	3	1	0

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## TS 26.091 AMR speech Codec; Error concealment of lost frames

current version: 3.1.0

freeze\_meeting: SP-04

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik

USAI, Paolino

G: yes U: yes

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	0	0
SP-04	1999-06-23	3	0	0
SP-05	1999-10-13	3	0	1
SP-06	1999-12-17	3	1	0

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## TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels

current version: 3.0.1

freeze\_meeting: SP-04

remarks - general: Transfer>TSG#4

WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik

USAI, Paolino

G: yes U: yes

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	0	0
SP-04	1999-06-23	3	0	0
SP-05	1999-10-13	3	0	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.093 AMR speech Codec; Source Controlled Rate operation

R99  
current version: 3.3.0  
freeze\_meeting: SP-04  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	.	0	.	0
SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	0	.	1
SP-06	1999-12-17	3	.	1	.	0
SP-08	2000-06-28	3	.	2	.	0
SP-10	2000-12-21	3	.	3	.	0

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## TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels

R99  
current version: 3.0.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-04	1999-06-23	0	.	1	.	0
SP-03	1999-04-26	0	.	1	.	0
SP-05	1999-10-13	3	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.101

R99 **Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**  
WG (prime / other): S4 / -  
G: USAI, Paolino

freeze\_meeting: SP-06

remarks - general:

USAI, Paolino

reporteur: HAGQVIST, Jari

MCC:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	.	0	.	0
SP-04	1999-06-23	1	.	2	.	0
SP-05	1999-10-13	1	.	4	.	0
SP-06	1999-12-17	3	.	0	.	0
SP-07	2000-03-15	3	.	1	.	0
SP-12	2001-08-01	3	.	2	.	0
SP-15	2002-03-28	3	.	3	.	0

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## TS 26.102

R99 **Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

freeze\_meeting: SP-06

remarks - general:

NORTEL NETWORKS (EUROPE)

NAVARRO, William

USAI, Paolino

WG (prime / other): S4 / -

MCC:

U: yes  
remarks - this release:

G: yes

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	0	.	2	.	0
SP-06	1999-12-17	3	.	0	.	0
SP-07	2000-03-15	3	.	1	.	0
SP-10	2000-12-12	3	.	2	.	0
SP-11	2001-04-10	3	.	3	.	0
SP-19	2003-04-04	3	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.103 Speech codec list for GSM and UMTS

R99  
current version: 3.2.0  
freeze\_meeting: SP-06  
remarks - general: New after TSG#5

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: HELLWIG, Karl  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-06 1999-12-17 3 . 0 . 0  
SP-14 2002-01-09 3 . 1 . 0  
SP-16 2002-06-28 3 . 2 . 0

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## TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

R99  
current version: 3.5.0  
freeze\_meeting: SP-07

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-06 1999-12-17 0 . 1 . 0  
SP-07 2000-03-15 0 . 3 . 0 SP-000022  
SP-08 2000-06-28 3 . 0 . 0  
SP-10 2000-12-21 3 . 1 . 0  
SP-12 2001-06-27 3 . 2 . 0  
bug fix 2001-06-29 3 . 2 . 1  
SP-13 2001-10-02 3 . 3 . 0  
SP-15 2002-03-28 3 . 4 . 0  
SP-19 2003-04-04 3 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.110 Codec for circuit switched multimedia telephony service; General description

current version: 3.1.0  
freeze\_meeting: SP-04

reporteur: ARONSON, Barry  
MCC: USAI, Paolino  
TOSHIBA CO

WG (prime / other): S4 / -  
G: yes U: yes

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	.	0	.	0
SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	0	.	1
SP-11	2001-07-04	3	.	1	.	0

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## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

current version: 3.4.0  
freeze\_meeting: SP-04

reporteur: ARONSON, Barry  
MCC: USAI, Paolino  
TOSHIBA CO

WG (prime / other): S4 / -  
G: yes U: yes

remarks - general: CR at TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	.	0	.	0
SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	0	.	2
SP-06	1999-12-15	3	.	1	.	0
SP-08	2000-06-28	3	.	2	.	0
SP-09	2000-10-10	3	.	3	.	0
SP-10	2000-12-21	3	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99  
current version: 3.4.0  
freeze\_meeting: SP-06

WG (prime / other): S4 / -

GOETZ, Ian  
USAI, Paolino

rappporteur:  
MCC:

TELLABS OPERATIONS INC.

G: U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	.	0	.	0	.	0
SP-06	1999-12-17	3	.	0	.	0	.	0
SP-08	2000-06-28	3	.	1	.	0	.	0
SP-11	2001-04-10	3	.	2	.	0	.	0
SP-13	2001-10-02	3	.	3	.	0	.	0
SP-17	2002-09-24	3	.	4	.	0	.	0

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## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

R99  
current version: 3.5.0  
freeze\_meeting: SP-08

WG (prime / other): S4 / -

GOETZ, Ian  
USAI, Paolino

rappporteur:  
MCC:

TELLABS OPERATIONS INC.

G: U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	.	0	.	0	.	0
draft		0	.	0	.	1	.	0
SP-08		1	.	0	.	0	.	0
SP-08	2000-06-28	3	.	0	.	0	.	0
SP-09	2000-10-10	3	.	1	.	0	.	0
SP-11	2001-04-10	3	.	2	.	0	.	0
SP-13	2001-10-02	3	.	3	.	0	.	0
SP-15	2002-03-28	3	.	4	.	0	.	0
SP-17	2002-09-24	3	.	5	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

WG (prime / other): S4 / -

G: yes U: yes

rappporteur: HAAVISTO, Petri  
MCC: USAI, Paolino

Nokia Research Center

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-26 1 . 0 . 0

SP-04 1999-06-23 3 . 0 . 0

SP-05 1999-10-13 3 . 0 . 2

decision to revise 1999-10-30 3 . 1 . 0

version number

SP-06 1999-12-17 3 . 2 . 0

edito 2000-10-10 3 . 2 . 1

SP-10 2000-12-21 3 . 3 . 0

SP-19 2003-04-04 3 . 4 . 0

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## TR 26.912

R99

## Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G

WG (prime / other): S4 / -

G:

U: yes

Nippon Ericsson K.K.

rappporteur: FRANCESCHI, Olle

MCC: USAI, Paolino

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-26 0 . 0 . 1

SP-04 1999-06-23 1 . 0 . 0

SP-07 2000-03-15 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.915 Echo Control For Speech and Multi-Media Services

R99  
current version: 3.0.0  
freeze\_meeting: SP-07  
remarks - general: Became 26.115 for Rel-4 onwards.

WG (prime / other): S4 / -  
G: U: yes  
rapporteur: GOETZ, Ian  
MCC: USAI, Paolino  
TELLABS OPERATIONS INC.  
remarks - this release: No Rel-4 version. Became 26.115.

### history (event, available, version, comments, hyperlink):

Creation of WI by 2000-02-02 0 . 0 . 1  
WG/TB  
SP-07 2000-03-17 3 . 0 . 0

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## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99  
current version: 3.1.0  
freeze\_meeting: SP-11  
remarks - general: Replaces 26.075. 2001-10-02. Also for GSM.

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
remarks - this release: was 26.075;

### history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 1 . 0 . 0  
SP-07 2000-03-17 1 . 1 . 0  
SP-11 2001-03-31 3 . 0 . 0  
SP-13 2001-10-05 3 . 1 . 0

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R99 **27** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

current version: 3.15.0

freeze\_meeting: SP-03

WG (prime / other): N3 / -

rapporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

G: yes U: yes  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0	
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-23	3	.	6	.	0	<a href="#">get it</a>
NP-10	2001-01-04	3	.	7	.	0	<a href="#">get it</a>
NP-11	2001-04-05	3	.	8	.	0	<a href="#">get it</a>
NP-12	2001-07-04	3	.	9	.	0	<a href="#">get it</a>
NP-13	2001-10-10	3	.	10	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	11	.	0	<a href="#">get it</a>
NP-20	2003-06-25	3	.	12	.	0	<a href="#">get it</a>
NP-21	2003-10-01	3	.	13	.	0	<a href="#">get it</a>
NP-22	2004-01-22	3	.	14	.	0	<a href="#">get it</a>
NP-24	2004-06-18	3	.	15	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 current version: 3.5.0 / - rapporteur: HUSLENDE, Ragnar / -  
freeze\_meeting: SP-03 / - MCC: HAN, Seung Don / -  
Telefon AB LM Ericsson

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	<a href="#">get it</a>
NP-05	1999-10-13	3	1	0	<a href="#">get it</a>
NP-06	1999-12-17	3	2	0	<a href="#">get it</a>
NP-07	2000-03-15	3	3	0	<a href="#">get it</a>
NP-08	2000-06-23	3	4	0	<a href="#">get it</a>
NP-09	2000-10-12	3	5	0	<a href="#">get it</a>

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 current version: 3.5.0 / - rapporteur: HUSLENDE, Ragnar / -  
freeze\_meeting: SP-03 / - MCC: HAN, Seung Don / -  
Telefon AB LM Ericsson

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	<a href="#">get it</a>
NP-04	1999-06-23	3	1	0	<a href="#">get it</a>
NP-06	1999-12-17	3	2	0	<a href="#">get it</a>
NP-07	2000-03-15	3	3	0	<a href="#">get it</a>
NP-08	2000-06-23	3	4	0	<a href="#">get it</a>
NP-09	2000-10-12	3	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

R99 current version: 3.2.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): T2 / -

rapporteur: HARRIS, Ian

MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0
TP-04	1999-06-18	3	.	0	.	0
TP-06	1999-12-17	3	.	1	.	0
TP-16	2002-06-25	3	.	2	.	0

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## TS 27.007 AT command set for User Equipment (UE)

R99 current version: 3.13.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): T2 / -

rapporteur: VOTE, Nicola

MCC: HAN, Seung Don

NTT DoCoMo Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0
TP-04	1999-06-18	3	.	1	.	0
TP-05	1999-10-08	3	.	2	.	0
TP-06	1999-12-17	3	.	3	.	0
TP-07	2000-03-15	3	.	4	.	0
TP-08	2000-06-23	3	.	5	.	0
TP-09	2000-10-11	3	.	6	.	0
TP-10	2001-01-04	3	.	7	.	0
TP-11	2001-04-06	3	.	8	.	0
TP-12	2001-07-04	3	.	9	.	0
TP-14	2002-01-11	3	.	10	.	0
TP-15	2002-03-29	3	.	11	.	0
TP-18	2002-12-20	3	.	12	.	0
TP-19	2003-03-31	3	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

WG (prime / other): T2 / -

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: 3.4.0

freeze\_meeting: SP-04

G: yes U: yes

MCC: HAN, Seung Don

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0
TP-04	1999-06-18	3	.	1	.	0
TP-05	1999-10-08	3	.	2	.	0
TP-07	2000-03-15	3	.	3	.	0
TP-15	2002-03-25	3	.	4	.	0

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## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

WG (prime / other): N3 / -

rapporteur: HAN, Seung Don

current version: 3.8.0

freeze\_meeting: SP-03

G: yes U: yes

MCC: HAN, Seung Don

remarks - this release:

remarks - general: GPRS

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-17	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-11	2001-04-06	3	.	5	.	0
NP-16	2002-06-24	3	.	6	.	0
NP-17	2002-09-17	3	.	7	.	0
NP-20	2003-06-23	3	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.103 Wide Area Network Synchronization

R99 current version: 3.1.0

freeze\_meeting: SP-05

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes MCC: HAN, Seung Don

remarks - general: TSG#8:3.1.0 but this CR not impementable.

history (event, available, version, comments, hyperlink):

TP-05 1999-10-08 3 . 0 . 0

TP-09 2000-10-16 3 . 1 . 0

## TR 27.901 Report on Terminal Interfaces - An Overview

R99 current version: 3.1.0

freeze\_meeting: SP-06

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: HAN, Seung Don

remarks - general: this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 0 . 0 . 1

TP-04 1999-06-18 1 . 0 . 0

TP-05 1999-10-08 1 . 0 . 1

TP-06 completed 1999-12-17 3 . 0 . 0

TP-15 2002-03-26 3 . 1 . 0

## TR 27.903 Discussion of synchronization standards

R99 current version: 3.0.0

freeze\_meeting: SP-05

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: HAN, Seung Don

remarks - general: this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 0 . 0 . 0

TP-05 1999-10-08 3 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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R99 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.20.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U: yes

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	. 0	. 0	<a href="#">get it</a>
NP-04	1999-06-23	3	. 1	. 0	<a href="#">get it</a>
NP-05	1999-10-13	3	. 2	. 0	<a href="#">get it</a>
NP-06	1999-12-17	3	. 3	. 0	<a href="#">get it</a>
edito	2000-01-31	3	. 3	. 1	<a href="#">get it</a>
NP-07	2000-03-15	3	. 4	. 0	<a href="#">get it</a>
NP-08	2000-06-23	3	. 5	. 0	<a href="#">get it</a>
edito	2000-08-04	3	. 5	. 1	<a href="#">get it</a>
edito	2000-08-10	3	. 5	. 2	<a href="#">get it</a>
NP-09	2000-10-26	3	. 6	. 0	<a href="#">get it</a>
NP-10	2000-12-20	3	. 7	. 0	<a href="#">get it</a>
edito	2001-01-02	3	. 7	. 1	<a href="#">get it</a>
edito to make figures legible	2001-01-31	3	. 7	. 2	<a href="#">get it</a>
NP-11	2001-04-06	3	. 8	. 0	<a href="#">get it</a>
NP-12	2001-07-06	3	. 9	. 0	<a href="#">get it</a>
NP-13	2001-10-03	3	. 10	. 0	<a href="#">get it</a>
NP-14	2002-01-18	3	. 11	. 0	<a href="#">get it</a>
NP-15	2002-04-04	3	. 12	. 0	<a href="#">get it</a>
NP-16	2002-06-21	3	. 13	. 0	<a href="#">get it</a>
NP-17	2002-09-24	3	. 14	. 0	<a href="#">get it</a>
NP-18	2003-01-09	3	. 15	. 0	<a href="#">get it</a>
NP-19	2003-04-07	3	. 16	. 0	<a href="#">get it</a>
NP-20	2003-07-04	3	. 17	. 0	<a href="#">get it</a>
					delayed availability due to complexity of changes
NP-21	2003-10-09	3	. 18	. 0	<a href="#">get it</a>
NP-23	2004-03-23	3	. 19	. 0	<a href="#">get it</a>
NP-24	2004-06-17	3	. 20	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

R99  
current version: 3.15.0  
freeze\_meeting: SP-03

WG (prime / other): N3 / -

rappporteur: BELLING, Thomas

MCC:

G: yes U: yes

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
post-SP-04	1999-05-27	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-12	3	.	6	.	0	<a href="#">get it</a>
NP-10	2000-12-22	3	.	7	.	0	<a href="#">get it</a>
NP-11	2001-03-29	3	.	8	.	0	<a href="#">get it</a>
NP-14	2002-01-11	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-06-24	3	.	10	.	0	<a href="#">get it</a>
NP-18	2003-01-06	3	.	11	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	12	.	0	<a href="#">get it</a>
NP-21	2003-10-01	3	.	13	.	0	<a href="#">get it</a>
NP-22	2004-01-22	3	.	14	.	0	<a href="#">get it</a>
NP-24	2004-06-18	3	.	15	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.010** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling  
R99 current version: Procedures and the Mobile Application Part (MAP) 3.12.0WG (prime / other): N4  
TeliaSonera AB rapporteur: KYMALAINEN, Kimmo

freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4 (transfer??)

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	0	.	0	.	0
NP-05	1999-10-13	3	.	0	.	0
NP-06	1999-12-15	3	.	1	.	0
NP-07	2000-03-15	3	.	2	.	0
NP-09	2000-10-26	3	.	3	.	0
NP-10	2000-12-21	3	.	4	.	0
NP-11	2001-03-30	3	.	5	.	0
NP-12	2001-07-04	3	.	6	.	0
NP-14	2002-01-11	3	.	7	.	0
NP-16	2002-06-21	3	.	8	.	0
NP-17	2002-09-18	3	.	9	.	0
NP-18	2003-01-07	3	.	10	.	0
NP-20	2003-06-27	3	.	11	.	0
NP-23	2004-03-23	3	.	12	.	0

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**TS 29.011** Signalling Interworking for Supplementary Services

R99 current version: 3.0.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99  
current version: 3.0.0  
freeze\_meeting: SP-05  
WG (prime / other): N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - general: Transfer>TSG#4

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-04 1999-06-23 3 . 0 . 0

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## TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

R99  
current version: 3.1.0  
freeze\_meeting: SP-03  
WG (prime / other): N1 / -  
rapporteur: DAWES, Peter  
MCC: JURISIC, Andrijana  
VODAFONE LTD

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

NP-09 2000-10-06 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.018** General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification  
R99 current version: 3.11.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / -  
rapporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

VODAFONE LTD

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	
NP-04	1999-06-23	3	1	0	<a href="#">get it</a>
NP-05	1999-10-13	3	2	0	<a href="#">get it</a>
NP-07	2000-03-15	3	3	0	<a href="#">get it</a>
NP-09	2000-10-23	3	4	0	<a href="#">get it</a>
edito	2000-10-31	3	4	1	<a href="#">get it</a>
NP-10	2001-01-02	3	5	0	<a href="#">get it</a>
NP-11	2001-04-06	3	6	0	<a href="#">get it</a>
NP-13	2001-10-03	3	7	0	<a href="#">get it</a>
NP-14	2002-01-04	3	8	0	<a href="#">get it</a>
NP-15	2002-03-21	3	9	0	<a href="#">get it</a>
NP-16	2002-06-26	3	10	0	<a href="#">get it</a>
NP-21	2003-10-10	3	11	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.060** General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface  
R99 current version: 3.19.0

freeze\_meeting: SP-03

WG (prime / other): N4 / -

rporteur: KYMALAINEN, Kimmo

TeliaSonera AB

MCC: KYMALAINEN, Kimmo

remarks - general:

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	0	0	<a href="#">get it</a>
NP-04	1999-06-23	3	1	0	<a href="#">get it</a>
NP-05	1999-10-13	3	2	0	<a href="#">get it</a>
NP-06	1999-12-15	3	3	0	<a href="#">get it</a>
NP-07	2000-03-15	3	4	0	<a href="#">get it</a>
NP-08	2000-06-23	3	5	0	<a href="#">get it</a>
NP-10	2000-09-28	3	6	0	<a href="#">get it</a>
NP-10	2000-12-21	3	7	0	<a href="#">get it</a>
NP-11	2001-03-30	3	8	0	<a href="#">get it</a>
NP-12	2001-07-04	3	9	0	<a href="#">get it</a>
NP-13	2001-10-03	3	10	0	<a href="#">get it</a>
NP-14	2002-01-11	3	11	0	<a href="#">get it</a>
NP-15	2002-03-28	3	12	0	<a href="#">get it</a>
NP-16	2002-06-21	3	13	0	<a href="#">get it</a>
NP-17	2002-09-18	3	14	0	<a href="#">get it</a>
NP-18	2003-01-07	3	15	0	<a href="#">get it</a>
NP-19	2003-04-04	3	16	0	<a href="#">get it</a>
NP-20	2003-06-27	3	17	0	<a href="#">get it</a>
NP-22	2004-01-12	3	18	0	<a href="#">get it</a>
NP-23	2004-03-24	3	19	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

current version: 3.14.0

freeze\_meeting: SP-03

Telefon AB LM Ericsson

rappporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

remarks - general: Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".  
G: yes U: yes  
remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-12	3	.	4	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	5	.	0	<a href="#">get it</a>
NP-12	2001-06-28	3	.	6	.	0	<a href="#">get it</a>
NP-13	2001-10-12	3	.	7	.	0	<a href="#">get it</a>
NP-14	2002-01-14	3	.	8	.	0	<a href="#">get it</a>
NP-15	2002-03-20	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-07-03	3	.	10	.	0	<a href="#">get it</a>
NP-18	2003-01-09	3	.	11	.	0	<a href="#">get it</a>
NP-19	2003-03-27	3	.	12	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	13	.	0	<a href="#">get it</a>
NP-22	2004-01-15	3	.	14	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.078 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification

WG (prime / other): N4 / - rapporteur: NOLDUS Rogier Telefon AB LM Ericsson

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: NP-24: txferred to N4 on closure of N2.

freeze\_meeting: SP-05

remarks - this release: Phase 3

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	. 0	. 0	<a href="#">get it</a>
NP-04	1999-06-30	3	. 1	. 0	<a href="#">get it</a>
NP-06	1999-12-17	3	. 2	. 0	<a href="#">get it</a>
NP-07	2000-03-15	3	. 3	. 0	<a href="#">get it</a>
NP-08	2000-06-23	3	. 4	. 0	<a href="#">get it</a>
Editorial	2000-06-23	3	. 4	. 1	<a href="#">get it</a>
NP-09	2000-10-10	3	. 5	. 0	<a href="#">get it</a>
NP-10	2001-01-05	3	. 6	. 0	<a href="#">get it</a>
NP-11	2001-03-29	3	. 7	. 0	<a href="#">get it</a>
NP-12	2001-07-03	3	. 8	. 0	<a href="#">get it</a>
NP-13	2001-10-03	3	. 9	. 0	<a href="#">get it</a>
NP-14	2002-01-04	3	. 10	. 0	<a href="#">get it</a>
NP-15	2002-03-19	3	. 11	. 0	<a href="#">get it</a>
NP-16	2002-06-17	3	. 12	. 0	<a href="#">get it</a>
NP-17	2002-09-17	3	. 13	. 0	<a href="#">get it</a>
NP-18	2002-12-18	3	. 14	. 0	<a href="#">get it</a>
NP-19	2003-03-25	3	. 15	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

WG (prime / other): R3 / -

G: U: yes

rapporteur: VESELY, Alexander SIEMENS AG

MCC: CALDENHOVEN, Juergen

remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-08	2	0	0	
RP-08	2000-06-30	3	0	0
RP-10	2000-12-20	3	1	0
RP-13	2001-10-12	3	2	0
RP-19	2003-03-26	3	3	0

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## TS 29.119 GPRS Tunneling Protocol (GTP) specification for Gateway Location Register (GLR)

WG (prime / other): N4 / -

G: U: yes

rapporteur: AIKAWA, Shinichiro Fujitsu Limited

MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-04	1999-05-27	0	0	0
NP-06	1999-12-15	1	0	0
NP-07	2000-03-15	3	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

WG (prime / other): N4 / -

G: U: yes

MITAMURA, Kazuo NTT COMMWARE Corporation

rapporteur: KYMALAINEN, Kimmo  
MCC:

remarks - this release:

freeze\_meeting: SP-07

remarks - general: New after TSG#5

history (event, available, version, comments, hyperlink):

NP-04	1999-05-27	0	0	0	0
NP-06	1999-12-15	1	0	0	0
NP-07	2000-03-15	3	0	0	0
NP-09	2000-10-25	3	1	0	0

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## TS 29.198 Open Service Architecture (OSA) Application Programming Interface (API) - Part 1

WG (prime / other): N5 / -

G: U: yes

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - this release:

remarks - general: OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.

freeze\_meeting: SP-08

history (event, available, version, comments, hyperlink):

NP-07	2000-03-13	1	0	0	0
NP-08	2000-06-23	3	0	0	0
NP-09	2000-10-09	3	1	0	0
NP-10	2001-01-03	3	2	0	0
NP-11	2001-03-28	3	3	0	0
NP-12	2001-06-29	3	4	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

R99 *current version:* 3.0.1 / RP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*freeze\_meeting:* SP-06

*WG (prime / other):* N1 / RP

Skov  
JURISIC, Andrijana

*MCC:*

*G:* yes *U:* yes

*remarks - this release:*

Anticipate each old Release as null document

pointing to latest Release version.

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 3 . 0 . 0 [get it](#)

edito post NP-18 2002-12-16 3 . 0 . 1 minor editorials to change style from TS toget it  
TR.

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## TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-08

*remarks - general:* OSA subgroup

*WG (prime / other):* N5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.

*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-07 2000-03-13 1 . 0 . 0 [get it](#)

NP-08 2000-06-23 3 . 0 . 0 [get it](#)

NP-09 2000-10-08 3 . 1 . 0 [get it](#)

NP-10 2001-01-03 3 . 2 . 0 [get it](#)

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R99 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series) ACTIVE specs R99 31 - series

## TS 31.101 UICC-terminal interface; Physical and logical characteristics

R99 current version: 3.3.1

freeze\_meeting: SP-06

remarks - general: Contents is a reference to ETSI TR 102 221.

WG (prime / other): T3 / SCP rapporteur: VESTERGAARD, Peter NOKIA UK Ltd

G: U: yes MCC: THOMASEN, Gert

remarks - this release: TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.

### history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0	.	0	
TP-04	1999-06-23	0	.	5	.	0			<a href="#">get it</a>
TP-05	1999-10-08	1	.	0	.	0			<a href="#">get it</a>
TP-06	1999-12-17	3	.	0	.	0			<a href="#">get it</a>
TP-07	2000-03-15	3	.	1	.	0		completion target	<a href="#">get it</a>
TP-08	2000-02-06	3	.	2	.	0			<a href="#">get it</a>
TP-09	2000-10-18	3	.	3	.	0			<a href="#">get it</a>
edito post TP-26	2005-01-06	3	.	3	.	1			<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

ACTIVE specs R99 31 -.- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.102 Characteristics of the USIM application

R99 current version: 3.17.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): T3 / -  
G: U: yes

rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

MCC: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0	.	0
TP-04	1999-06-23	0	.	5	.	0	.	0
TP-05	1999-10-08	1	.	0	.	0	.	0
TP-06	1999-12-17	3	.	0	.	0	.	0
TP-07 completion target	2000-03-15	3	.	1	.	0	.	0
TP-08	2000-06-23	3	.	2	.	0	.	0
TP-09	2000-10-18	3	.	3	.	0	.	0
TP-10	2001-01-05	3	.	4	.	0	.	0
TP-11	2001-04-09	3	.	5	.	0	.	0
TP-12	2001-07-06	3	.	6	.	0	.	0
TP-13	2001-10-11	3	.	7	.	0	.	0
TP-14	2002-01-17	3	.	8	.	0	.	0
TP-16	2002-06-28	3	.	9	.	0	.	0
TP-17	2002-09-25	3	.	10	.	0	.	0
TP-18	2003-01-02	3	.	11	.	0	.	0
TP-19	2003-04-01	3	.	12	.	0	.	0
TP-20	2003-06-23	3	.	13	.	0	.	0
TP-21	2003-09-30	3	.	14	.	0	.	0
TP-22	2004-01-12	3	.	15	.	0	.	0
TP-23	2004-03-25	3	.	16	.	0	.	0
TP-24	2004-06-15	3	.	17	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R99 31 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.110 Numbering system for telecommunication IC card applications

current version: 3.2.0

freeze\_meeting: SP-06

remarks - general: Sanders April 2001: Will be scrapped in favour of an ETSI SCP document.  
May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

WG (prime / other): T3 / -

rapporteur: DIETRICH, Christian

G: U: yes

Axalto S.A.

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

E-mailed to SP-T for 1999-11-15 1 . 0 . 0

information

TP-06 1999-12-17 3 . 0 . 0

TP-07 completion 2000-03-15 3 . 1 . 0

target

TP-09 2000-10-18 3 . 2 . 0

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## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

current version: 3.13.0

freeze\_meeting: SP-07

remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

WG (prime / other): T3 / -

rapporteur: DUBOIS, Christophe

G: yes U: yes

Axalto S.A.

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-06 1999-12-17 1 . 0 . 0

TP-07 2000-03-15 3 . 0 . 0

TP-08 2000-06-23 3 . 1 . 0

TP-09 2000-10-18 3 . 2 . 0

TP-10 2001-01-05 3 . 3 . 0

TP-11 2001-04-09 3 . 4 . 0

TP-12 2001-07-06 3 . 5 . 0

TP-13 2001-10-12 3 . 6 . 0

TP-14 2002-01-16 3 . 7 . 0

TP-16 2002-06-28 3 . 8 . 0

TP-18 2003-01-02 3 . 9 . 0

TP-19 2003-04-04 3 . 10 . 0

TP-22 2004-01-12 3 . 11 . 0

TP-23 2004-03-25 3 . 12 . 0

TP-25 2004-09-28 3 . 13 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.120

R99  
**UICC-terminal interface; Physical, electrical and logical test specification**  
WG (prime / other): T3 / -  
current version: 3.1.0  
freeze\_meeting: SP-08  
G: U: yes  
rapporteur: MAESER, Torsten  
MCC: THOMASEN, Gert  
Orga Test Systems Gmbh  
remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI- remarks - this release: TP-11:moved to ETSI-SCP. TP-12: reinstated.  
SCP

history (event, available, version, comments, hyperlink):

TP-09	2000-10-18	1	.	0	.	0
TP-10	2001-01-05	3	.	0	.	0
TP-26	2005-01-07	3	.	1	.	0

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## TS 31.121

R99  
**UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification**  
WG (prime / other): T3 / -  
current version: 3.11.0  
freeze\_meeting: SP-08  
G: U: yes  
rapporteur: WILLEBRINK, Udo  
MCC: THOMASEN, Gert  
Orga Test Systems Gmbh  
remarks - general: based on R99 core spec; split into 2 parts (this is 2)  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-09	2000-10-18	1	.	0	.	0
TP-10	2001-01-05	3	.	0	.	0
TP-12	2001-07-06	3	.	1	.	0
TP-16	2002-06-19	3	.	2	.	0
TP-17	2002-09-18	3	.	3	.	0
TP-18	2003-01-02	3	.	4	.	0
TP-19	2003-03-26	3	.	5	.	0
TP-20	2003-06-23	3	.	6	.	0
TP-21	2003-09-29	3	.	7	.	0
TP-23	2004-03-26	3	.	8	.	0
TP-24	2004-06-15	3	.	9	.	0
TP-25	2004-10-08	3	.	10	.	0
TP-26	2005-01-06	3	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

WG (prime / other): T3 / -

ASPECTS Software Ltd

rapporporteur: KNIGHT, Simon  
THOMASEN, Gert

current version: 3.8.0

MCC:

G: U: yes

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which  
31.120 was split into two parts

freeze\_meeting: SP-08

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-09	2000-10-18	1	.	0	.	0	
TP-10		2	.	0	.	0	
TP-10	2001-01-05	3	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-17	3	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-28	3	.	2	.	0	<a href="#">get it</a>
TP-16	2002-06-19	3	.	3	.	0	<a href="#">get it</a>
TP-17	2002-09-18	3	.	4	.	0	<a href="#">get it</a>
TP-18	2003-01-02	3	.	5	.	0	<a href="#">get it</a>
TP-19	2003-04-01	3	.	6	.	0	<a href="#">get it</a>
TP-22	2004-01-12	3	.	7	.	0	<a href="#">get it</a>
TP-26	2005-01-03	3	.	8	.	0	<a href="#">get it</a>

## TS 31.124

Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

current version: none

WG (prime / other): T3 / -

GEMPLUS S.A.

rapporporteur: LAFFONT, Eric  
THOMASEN, Gert

freeze\_meeting:

G: U: yes

MCC:

remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.

history (event, available, version, comments, hyperlink):

R99 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.005 Telecommunications management; Charging management; 3G call and event data for the Circuit Switched (CS) domain

R99 current version: 3.7.0 rapporteur: ALEXANDER, Benni NOKIA Corporation

freeze\_meeting: SP-08

WG (prime / other): S5 / - MCC: ZOICAS, Adrian  
G: U: yes remarks - this release:  
2004-03-29.S5 Project Manager: title changed from "charging and billing" to align with later Releases.

### history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 3 . 0 . 0 [get it](#)

SP-08 2000-06-23 3 . 1 . 0 [get it](#)

correct 2000-10-10 3 . 2 . 0 [get it](#)

implementation of  
previous CR

SP-10 2000-12-21 3 . 3 . 0 [get it](#)

edito 2001-01-22 3 . 3 . 1 [get it](#)

SP-11 2001-04-05 3 . 4 . 0 [get it](#)

SP-13 2001-10-05 3 . 5 . 0 [get it](#)

SP-15 2002-03-26 3 . 6 . 0 [get it](#)

SP-22 2004-01-05 3 . 7 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.015**  
R99

**Telecommunications management; Charging management; 3G call and event data for the Packet Switched (PS) domain**

current version: 3.12.0

freeze\_meeting: SP-08

WG (prime / other): S5 / -

reporteur: ALEXANDER, Benni

MCC: ZOICAS, Adrian

G: U: yes

remarks - general: 2004-03-29:S5 Project Manager: title changed from "charging and billing" to "charging and billing" to align with later Releases. remarks - this release:

history (event, available, version, comments, hyperlink):

SP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
SP-07	2000-03-17	3	.	1	.	0		<a href="#">get it</a>
Editorial	2000-03-17	3	.	1	.	1		<a href="#">get it</a>
SP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
SP-09	2000-10-10	3	.	3	.	0		<a href="#">get it</a>
SP-10	2000-12-21	3	.	4	.	0		<a href="#">get it</a>
SP-11	2001-04-05	3	.	5	.	0		<a href="#">get it</a>
SP-12	2001-07-03	3	.	6	.	0		<a href="#">get it</a>
SP-13	2001-10-05	3	.	7	.	0		<a href="#">get it</a>
SP-14	2002-01-11	3	.	8	.	0		<a href="#">get it</a>
SP-15	2002-03-26	3	.	9	.	0		<a href="#">get it</a>
SP-18	2003-01-07	3	.	10	.	0		<a href="#">get it</a>
SP-19	2003-04-02	3	.	11	.	0		<a href="#">get it</a>
SP-22	2004-01-05	3	.	12	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.101 Telecommunication management; Principles and high level requirements

current version: 3.4.0

freeze\_meeting: SP-07

remarks - general:

WG (prime / other): S5 / -

G: U: yes

rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	.	0	.	0
SP-05	1999-10-13	1	.	2	.	0
SP-06	1999-12-17	3	.	0	.	0
SP-07	2000-03-17	3	.	1	.	0
Editorial	2000-03-17	3	.	1	.	1
SP-08	2000-06-23	3	.	2	.	0
SP-10	2000-12-21	3	.	3	.	0
SP-11	2001-10-05	3	.	4	.	0

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## TS 32.102 Telecommunication management; Architecture

current version: 3.2.0

freeze\_meeting: SP-07

remarks - general:

WG (prime / other): S5 / -

G: U: yes

TeliaSonera AB

rapporteur: BERGGREN, Tommy

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

Creation of WI by	1999-04-26	0	.	0	.	0
WG/TB						
SP-03	1999-04-26	1	.	0	.	0
SP-05	1999-10-13	1	.	2	.	0
SP-06	1999-12-17	3	.	0	.	0
SP-07	2000-03-17	3	.	1	.	0
Editorial	2000-03-17	3	.	1	.	1
SP-08	2000-06-23	3	.	2	.	0

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.104 Telecommunication management; 3G Performance Management

R99 current version: 3.9.0

freeze\_meeting: SP-07

WG (prime / other): S5 / -

rapporteur: HÜBINETTE, Ulf  
MCC: ZOICAS, Adrian

G: U: yes

Telefon AB LM Ericsson

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0	.	0
SP-06	1999-12-17	3	.	0	.	0	.	0
SP-07	2000-03-17	3	.	1	.	0	.	0
Editorial	2000-03-17	3	.	1	.	1	.	1
SP-08	2000-06-23	3	.	2	.	0	.	0
SP-09	2000-10-10	3	.	3	.	0	.	0
SP-10	2000-12-21	3	.	4	.	0	.	0
SP-14	2002-01-11	3	.	5	.	0	.	0
SP-20	2003-06-27	3	.	6	.	0	.	0
SP-23	2004-03-24	3	.	7	.	0	.	0
SP-24	2004-06-15	3	.	8	.	0	.	0
SP-25	2004-09-23	3	.	9	.	0	.	0

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## TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 current version: 3.1.0

freeze\_meeting: SP-07

WG (prime / other): S5 / -

rapporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian

MOTOROLA Ltd

G: yes U: yes

remarks - this release: SP-08: multipart split from parent 3.0.1

remarks - general: SP-08: split into eight parts

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0	.	0
SP-06	1999-12-17	1	.	1	.	0	.	0
SP-07	2000-03-17	3	.	0	.	0	.	0
Editorial	2000-03-17	3	.	0	.	1	.	1
SP-08	2000-06-23	3	.	1	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service (IS)

R99 *current version:* 3.3.0 *rapporteur:* TSE, Edwin Ericsson Incorporated

*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-08: split into 2000-06-23 3 . 1 . 0

parts

SP-10 2000-12-21 3 . 2 . 0

SP-11 2001-04-05 3 . 3 . 0

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## TS 32.106-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)

R99 *current version:* Solution Set (SS) 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-08: split into 2000-06-23 3 . 1 . 0

parts

SP-10 2000-12-21 3 . 2 . 0

SP-11 2001-04-05 3 . 3 . 0

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

R99 current version: Solution Set (SS) S5 /- rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-07

remarks - general: TSG#8: split into eight parts

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release: TSG#8: multipart split from parent 3.0.1

WG (prime / other):

history (event, available, version, comments, hyperlink):

SP-08: split into 2000-06-23 3 . 1 . 0

parts

SP-14 2002-01-11 3 . 2 . 0

editorial after SP-17 2002-09-18 3 . 2 . 1

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## TS 32.106-5 Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP); Information model (including Network Resource Model

R99 current version: 3.2.0

freeze\_meeting: SP-10

remarks - general: TSG#8: split into eight parts

WG (prime / other): S5 /-

G: yes U: yes

remarks - this release: TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson

MCC: ZOICAS, Adrian

history (event, available, version, comments, hyperlink):

draft 2000-10-10 1 . 0 . 1

SP-10 2000-12-21 3 . 0 . 0

SP-11 2001-04-05 3 . 1 . 0

SP-12 2001-07-03 3 . 2 . 0

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.106-6** **Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
R99 *current version: Solution Set (SS)* S5 /-  
SIEMENS AG

*freeze\_meeting:* SP-10  
*remarks - general:* TSG#8: split into eight parts

G: yes U: yes

MCC: ZOICAS, Adrian

*remarks - this release:* TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

*WG (prime / other):* POLLAKOWSKI, Olaf

*rapporteur:*

*history (event, available, version, comments, hyperlink):*

draft	2000-10-31	0	1	0
SP-10	2000-12-14	3	0	0
SP-11	2001-04-05	3	1	0
SP-12	2001-07-04	3	2	0
SP-13	2001-10-05	3	3	0
SP-22	2004-01-05	3	4	0

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**TS 32.106-7** **Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
R99 *current version: Solution Set (SS)* S5 /-  
SIEMENS AG

*freeze\_meeting:* SP-10  
*remarks - general:* TSG#8: split into eight parts

G: yes U: yes

MCC: ZOICAS, Adrian

*remarks - this release:* TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

*WG (prime / other):* POLLAKOWSKI, Olaf

*rapporteur:*

*history (event, available, version, comments, hyperlink):*

draft	2000-10-31	0	1	0
SP-10	2000-12-21	3	0	0
SP-11	2001-04-05	3	1	0
SP-12	2001-07-03	3	2	0
SP-14	2002-01-11	3	3	0

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ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.106-8** **Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects**  
R99 *WG (prime / other):* S5 / - *rappporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-07 *MCC:* ZOICAS, Adrian  
*remarks - general:* TSG#8: split into eight parts  
*remarks - this release:* TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0

*history (event, available, version, comments, hyperlink):*  
SP-08: split into parts 3 . 1 . 0  
SP-12 2001-07-03 3 . 2 . 0

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**TS 32.111-1** **Telecommunication management; Fault Management; Part 1: 3G fault management requirements**  
R99 *WG (prime / other):* S5 / - *rappporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-08 *MCC:* ZOICAS, Adrian  
*remarks - general:* TSG#8: split into 4 parts  
*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*  
SP-05 1999-10-13 1 . 0 . 0  
SP-06 1999-12-17 1 . 1 . 0  
SP-07 2000-03-17 3 . 0 . 0  
Editorial 2000-03-17 3 . 0 . 1  
SP-08: split into parts 3 . 1 . 0  
SP-09 2000-10-10 3 . 2 . 0

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ACTIVE specs R99 32 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

R99 WG (prime / other): S5 / - rapporteur: SCHMIDT, Joerg

freeze\_meeting: SP-08

MOTOROLA A/S

MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into 4 parts

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0
SP-06	1999-12-17	1	.	1	.	0
SP-07	2000-03-17	3	.	0	.	0
Editorial	2000-03-17	3	.	0	.	1
SP-08: split into parts	2000-06-23	3	.	1	.	0
editorial	2000-09-06	3	.	1	.	1
SP-09	2000-10-10	3	.	2	.	0
SP-10	2000-12-20	3	.	3	.	0

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## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

R99 current version: 3.6.0

freeze\_meeting: SP-08

WG (prime / other): S5 / - rapporteur: TSE, Edwin

MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into 4 parts

remarks - this release: TSG#8: multipart split from parent 3.0.1

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0
SP-06	1999-12-17	1	.	1	.	0
SP-07	2000-03-17	3	.	0	.	0
Editorial	2000-03-17	3	.	0	.	1
SP-08: split into parts	2000-06-23	3	.	1	.	0
SP-09	2000-10-10	3	.	2	.	0
SP-10	2000-12-20	3	.	3	.	0
SP-11	2001-04-05	3	.	4	.	0
SP-12	2001-07-04	3	.	5	.	0
SP-14	2002-01-11	3	.	6	.	0

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ACTIVE specs R99 32 .- series  
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## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

R99 current version: 3.2.0

freeze\_meeting: SP-08

remarks - general: TSG#8: split into 4 parts

WG (prime / other): S5 / -

rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

MCC: ZOICAS, Adrian

remarks - this release: TSG#8: multipart split from parent 3.0.1

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0
SP-06	1999-12-17	1	.	1	.	0
SP-07	2000-03-17	3	.	0	.	0
Editorial	2000-03-17	3	.	0	.	1
SP-08: split into parts	2000-06-23	3	.	1	.	0
editorial	2000-09-06	3	.	1	.	1
SP-14	2002-01-11	3	.	2	.	0

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**33** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.102 3G security; Security architecture

R99 current version: 3.13.0

freeze\_meeting: SP-07

remarks - general:

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc

G: U: yes MCC: POPE, Maurice

Siemens nv/sa

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-03-04	0	0	0	1
and Scope					
First complete draft	1999-03-26	1	0	0	0
WG approval	1999-03-26	2	0	0	0
SP-03	1999-04-23	3	0	0	0
SP-04	1999-06-23	3	1	0	0
SP-05	1999-10-13	3	2	0	0
SP-06	1999-12-17	3	3	0	0
SP-07	2000-03-15	3	4	0	0
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SP-12	2001-07-04	3	9	0	0
SP-14	2002-01-07	3	10	0	0
SP-15	2002-03-26	3	11	0	0
SP-16	2002-06-19	3	12	0	0
SP-18	2002-12-18	3	13	0	0

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ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04	1999-06-23	1	.	0	.	0
SP-05	1999-10-13	3	.	0	.	0
SP-06	1999-12-17	3	.	1	.	0
SP-07	2000-03-15	3	.	2	.	0
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SP-12	2001-07-04	3	.	6	.	0
SP-13	2001-10-03	3	.	7	.	0

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## TS 33.105 Cryptographic algorithm requirements

R99 current version: 3.8.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / other): S3 / - rapporteur: CHIKAZAWA, Takeshi Mitsubishi Electric Corporation

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	1	.	0
SP-06	1999-12-17	3	.	2	.	0
SP-07	2000-03-15	3	.	3	.	0
SP-08	2000-06-23	3	.	4	.	0
SP-09	2000-10-11	3	.	5	.	0
SP-10	2000-12-22	3	.	6	.	0
SP-11	2001-03-30	3	.	7	.	0
SP-12	2001-07-04	3	.	8	.	0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.106 Lawful interception requirements

R99 current version: 3.1.0

freeze\_meeting: SP-08

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04 1999-06-23 3 . 0 . 0

SP-06 1999-12-17 3 . 1 . 0

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## TS 33.107 3G security, Lawful interception architecture and functions

R99 current version: 3.5.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S3 / -  
G: U: yes

rappporteur: WILHELM, Berthold  
MCC: POPE, Maurice

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remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04 1999-06-23 3 . 0 . 0

SP-10 2000-12-22 3 . 1 . 0

SP-11 2001-03-30 3 . 2 . 0

SP-13 2001-10-03 3 . 3 . 0

SP-14 2002-01-07 3 . 4 . 0

SP-15 2002-03-26 3 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.120 Security Objectives and Principles

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
G: U: yes MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One  
remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents and Scope	1999-03-04	0	0	0	1
First complete draft	1999-03-26	1	0	0	0
WG approval	1999-03-26	2	0	0	0
SP-03	1999-04-23	3	0	0	0

[get it](#)  
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[get it](#)  
[get it](#)

## TR 33.901 Criteria for cryptographic Algorithm design process

R99  
current version: 3.0.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / other): S3 / - rapporteur: BLOM, Rolf  
G: U: yes MCC: POPE, Maurice  
Telefon AB LM Ericsson  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	0	0	0	0
SP-04	1999-06-23	3	0	0	0

[get it](#)  
[get it](#)

## TR 33.902 Formal Analysis of the 3G Authentication Protocol

R99  
current version: 3.1.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / other): S3 / - rapporteur: HORN, Guenther  
G: U: yes MCC: POPE, Maurice  
SIEMENS AG  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	3	0	0	0
SP-06	1999-12-17	3	1	1	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

**TR 33.908** 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms  
R99 current version: 3.0.0  
freeze\_meeting: SP-07  
remarks - general: TSG#7: S3-000105=NP-000049  
WG (prime / other): S3 / -  
G: U: yes  
rapporteur: WALKER, Michael  
MCC: POPE, Maurice  
VODAFONE Group Plc  
remarks - this release: Formerly 33.904.

history (event, available, version, comments, hyperlink):  
SP-07 2000-03-17 3 . 0 . 0 SP-000039  
[get it](#)

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R99 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 current version: 3.16.0

freeze\_meeting: SP-08

WG (prime / other):

G: U: yes

T1 / -

rapporteur: CHALABI, Nuhman

MCC: ANRITSU LTD

BAEV, Stoyan

remarks - this release:

TSG#8:apr1 is controversial. TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.

### history (event, available, version, comments, hyperlink):

event	available	version	comments	hyperlink	
Start of work	0	0	0	1	
TP-07	2000-03-15	1	0	0	TP-000032
editorial tidy up	2000-03-23	1	0	1	
TP-08		2	0	0	
TP-08	2000-06-23	3	0	0	
Editorial	2000-06-23	3	0	1	
TP-09	2000-10-06	3	1	0	
TP-10	2001-01-09	3	2	0	
TP-11	2001-03-28	3	3	0	
TP-12	2001-06-27	3	4	0	
TP-13	2001-10-08	3	5	0	
TP-14	2002-01-09	3	6	0	
TP-15	2002-03-20	3	7	0	
edito post	2002-03-26	3	7	1	
TP-16	2002-06-17	3	8	0	
TP-17	2002-09-10	3	9	0	
TP-18	2002-12-18	3	10	0	
TP-19	2003-03-24	3	11	0	
TP-20	2003-06-18	3	12	0	
TP-21	2003-10-10	3	13	0	
TP-22	2004-01-13	3	14	0	
TP-23	2004-04-01	3	15	0	
TP-24	2004-06-18	3	16	0	

technical contents removed, is just a pointer to Rel-5 version

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series) ACTIVE specs R99 34 .- series

## TS 34.109 Terminal logical test interface; Special conformance testing functions

WG (prime / other): R2 / T1

Ericsson Incorporated

BERGGREN, Anders

rappporteur:

G: U: yes

ARZELIER, Claude

MCC:

Ericsson Incorporated

remarks - general: TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. remarks - this release:

TSG#9: Stable, so txfered from T1 to R2.

### history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-18	0	.	2	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-08	1	.	0	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-17	1	.	0	.	3	.	0	<a href="#">get it</a>
next version	2000-02-03	1	.	1	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	1	.	2	.	0	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	0	.	0	.	0	<a href="#">get it</a>
RP-09	2000-10-05	3	.	1	.	0	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	2	.	0	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	3	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	4	.	0	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	6	.	0	.	0	<a href="#">get it</a>
RP-17	2002-09-18	3	.	7	.	0	.	0	<a href="#">get it</a>
RP-18	2003-01-13	3	.	8	.	0	.	0	<a href="#">get it</a>
RP-19	2003-03-25	3	.	9	.	0	.	0	<a href="#">get it</a>
RP-25	2004-09-27	3	.	10	.	0	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

**TS 34.121** Terminal Conformance Specification, Radio Transmission and Reception (FDD)  
R99 current version: 3.14.0  
freeze\_meeting: SP-07

WG (prime / other): T1 / -  
G: U: yes

rapporteur: HIGUCHI, Kenji  
MCC: BAEV, Stoyan

ADVANTEST Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TP-04	1999-06-18	1	.	0	.	1		<a href="#">get it</a>
TP-05	1999-10-08	1	.	2	.	0		<a href="#">get it</a>
TP-06	1999-12-17	1	.	5	.	0		<a href="#">get it</a>
TP-07	2000-03-15	2	.	0	.	0		<a href="#">get it</a>
TP-07	2000-03-15	3	.	0	.	0		<a href="#">get it</a>
Editorial	2000-03-15	3	.	0	.	1		<a href="#">get it</a>
TP-08	2000-06-23	3	.	1	.	0		<a href="#">get it</a>
TP-09	2000-10-05	3	.	2	.	0		<a href="#">get it</a>
TP-10	2000-12-21	3	.	3	.	0		<a href="#">get it</a>
TP-11	2001-03-28	3	.	4	.	0		<a href="#">get it</a>
TP-12	2001-06-18	3	.	5	.	0		<a href="#">get it</a>
TP-13	2001-10-03	3	.	6	.	0		<a href="#">get it</a>
TP-14	2002-01-09	3	.	7	.	0		<a href="#">get it</a>
TP-15	2002-03-20	3	.	8	.	0		<a href="#">get it</a>
TP-16	2002-06-17	3	.	9	.	0		<a href="#">get it</a>
TP-17	2002-09-05	3	.	10	.	0		<a href="#">get it</a>
TP-18	2002-12-18	3	.	11	.	0		<a href="#">get it</a>
TP-19	2003-03-24	3	.	12	.	0		<a href="#">get it</a>
TP-20	2003-06-17	3	.	13	.	0		<a href="#">get it</a>
TP-21	2003-10-10	3	.	14	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series) ACTIVE specs R99 34 .- series

## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

current version: 3.12.0

freeze\_meeting: SP-08

WG (prime / other): T1 / -

G: U: yes

rapporteur: MAUCKSCH, Thomas

MCC: BAEV, Stoyan

ROHDE & SCHWARZ GmbH & Co.KG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-04	1999-06-18	0	.	0	.	0	.	0	<a href="#">get it</a>
TP-05	1999-10-08	0	.	1	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-17	1	.	0	.	0	.	0	<a href="#">get it</a>
TP-07	2000-03-15	1	.	2	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-15	1	.	2	.	1	.	0	<a href="#">get it</a>
TP-08		2	.	0	.	0	.	0	<a href="#">get it</a>
TP-08	2000-06-23	3	.	0	.	0	.	0	<a href="#">get it</a>
edito	2000-08-28	3	.	0	.	1	.	0	<a href="#">get it</a>
TP-09	2000-10-05	3	.	1	.	0	.	0	<a href="#">get it</a>
TP-10	2000-12-21	3	.	2	.	0	.	0	<a href="#">get it</a>
TP-11	2001-03-28	3	.	3	.	0	.	0	<a href="#">get it</a>
TP-12	2001-06-18	3	.	4	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-03	3	.	5	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-09	3	.	6	.	0	.	0	<a href="#">get it</a>
TP-15	2002-03-21	3	.	7	.	0	.	0	<a href="#">get it</a>
TP-16	2002-06-17	3	.	8	.	0	.	0	<a href="#">get it</a>
TP-17	2002-09-05	3	.	9	.	0	.	0	<a href="#">get it</a>
TP-18	2002-12-18	3	.	10	.	0	.	0	<a href="#">get it</a>
TP-19	2003-03-24	3	.	11	.	0	.	0	<a href="#">get it</a>
TP-22	2004-01-19	3	.	12	.	0	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 WG (prime / other): T1 / -

SOURCE COM

rapporteur: SULTAN, Alain  
BAEV, Sloyan

MCC:

freeze\_meeting: SP-08

G: U: yes

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0	.	0
TP-05	1999-10-08	0	.	0	.	4	.	
TP-06	1999-12-17	1	.	0	.	0	.	0
manicure	2000-03-23	1	.	0	.	1	.	0
TP-08		2	.	0	.	0	.	0
TP-08	2000-06-23	3	.	0	.	0	.	0
TP-09	2000-10-10	3	.	1	.	0	.	0
TP-10	2001-01-09	3	.	2	.	0	.	0
TP-11	2001-03-28	3	.	3	.	0	.	0
TP-12	2001-06-28	3	.	4	.	0	.	0
TP-13	2001-10-03	3	.	5	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 34 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99 current version: 3.5.0

freeze\_meeting: SP-10

WG (prime / other): T1 / -

rporteur: HU, Shicheng

MCC: BAEV, Stoyan

G: ETSI Secretariat

remarks - general: U: yes  
remarks - this release: TSG#8: aprvl target postponed to end-00,TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).

### history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	0	1	<a href="#">get it</a>
TP-05	1999-10-08	0	0	6	<a href="#">get it</a>
TP-06	1999-12-17	1	0	0	<a href="#">get it</a>
TP-07	2000-03-15	1	0	1	<a href="#">get it</a>
TP-09	2000-09-22	2	0	0	<a href="#">get it</a>
TP-09	2000-10-06	3	1	0	<a href="#">get it</a>
TP-10	2001-01-09	3	2	0	<a href="#">get it</a>
TP-11	2001-03-28	3	3	0	<a href="#">get it</a>
TP-12	2001-06-28	3	4	0	<a href="#">get it</a>
TP-13	2001-10-04	3	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

R99 current version: 3.8.0

freeze\_meeting: SP-13

remarks - general:

ETSI Secretariat

rapporteur: HU, Shicheng  
BAEV, Stoyan

MCC:

WG (prime / other): T1 / -  
G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 0 . 0 . 0  
Start work if STF  
fund +T2 input avail. 0 . 0 . 1

[get it](#)

TP-11 2001-03-28 1 . 0 . 0  
TP-12 2001-06-28 1 . 0 . 3 TP-010124  
draft 2001-10-11 1 . 0 . 5

[get it](#)  
[get it](#)  
[get it](#)

TP-18 2002-12-16 2 . 0 . 0  
text = TP-020301 (see also TP-020302),  
tfcn = TP-020320 which will be available  
by 2002-12-20.

[get it](#)  
[get it](#)

TP-18 2002-12-18 3 . 0 . 0  
Availability delayed pending availability of  
.imp file.

[get it](#)

TP-19 2003-04-09 3 . 1 . 0  
TP-20 2003-07-04 3 . 2 . 0

[get it](#)

[get it](#)

late availability due to delay in checking by  
WG members

[get it](#)  
[get it](#)

TP-20 2003-07-15 3 . 2 . 1  
Fixes bug in Telelogic tool output.

[get it](#)  
[get it](#)

TP-21 2003-10-31 3 . 3 . 0  
TTCN verification performed by Anritsu &  
Racal.

[get it](#)  
[get it](#)

no MP file - to follow  
With MP file.

[get it](#)  
[get it](#)

post TP-23 edito 2004-04-14 3 . 5 . 2  
Reorders some misplaced subclauses

[get it](#)  
[get it](#)

TP-24 2004-07-02 3 . 6 . 0  
post TP-24 editorial 2004-07-23 3 . 6 . 1  
One correction performed in the NAS ATS  
part

[get it](#)  
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TP-25 2004-10-07 3 . 7 . 0  
TP-26 2004-12-23 3 . 8 . 0

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ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

WG (prime / other): R4 / -  
G: U: yes

rappporteur: SOERENSEN, Ole  
MCC: GUTIERREZ MIGUELEZ, Cesar

SOERENSEN, Ole  
GUTIERREZ MIGUELEZ, Cesar

current version: 3.4.0  
freeze\_meeting: SP-07  
remarks - general: T1->R4@TSG#10

remarks - this release:

### history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	0	0	1	<a href="#">get it</a>
draft	1999-07-15	1	0	0	0	<a href="#">get it</a>
draft	1999-08-15	1	0	0	1	<a href="#">get it</a>
draft	1999-09-15	1	1	0	0	<a href="#">get it</a>
TP-05	1999-10-08	1	2	0	0	<a href="#">get it</a>
TP-06	1999-12-17	1	2	2	0	<a href="#">get it</a>
draft	2000-02-15	1	3	0	0	<a href="#">get it</a>
SWG T1 EMC at meeting-08	2000-02-28	2	0	0	0	<a href="#">get it</a>
TP-07		2	0	1	SP-000034	
TP-07	2000-03-15	3	0	0	0	<a href="#">get it</a>
TP-09	2000-10-05	3	1	0	0	<a href="#">get it</a>
RP-10	2001-01-09	3	2	0	0	<a href="#">get it</a>
RP-11	2001-04-05	3	3	0	0	<a href="#">get it</a>
RP-19	2003-04-04	3	4	0	0	<a href="#">get it</a>

## TR 34.901

Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance  
WG (prime / other): T1 /  
G: U: yes

rappporteur: YOKOYAMA, Mitsuru  
MCC: BAEV, Stoyan

Agilent Technologies International Japan, Ltd.  
BAEV, Stoyan

current version: 3.0.0  
freeze\_meeting: SP-06  
remarks - general: 2002-09-16: 34.801 -> 34.901.

remarks - this release: 2002-09-26: Anticipate approval at TP-18.

### history (event, available, version, comments, hyperlink):

TP-20	2003-06-17	2	0	0	TP-030105	<a href="#">get it</a>
TP-20	2003-06-17	2	0	1	TP-030145 (clause 4 modified). Doc claims to be v2.0.0	<a href="#">get it</a>
TP-20	2003-06-18	3	0	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TR 34.907 Report on electrical safety requirements and regulations

R99  
current version: 3.0.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: U: yes MCC: HAN, Seung Don  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 1 . 0 . 0  
TP-05 1999-10-08 3 . 0 . 0

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[get it](#)

## TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions

R99  
current version: 3.0.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: U: yes MCC: HAN, Seung Don  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 1 . 0 . 0  
TP-04 1999-06-18 3 . 0 . 0

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[get it](#)

R99 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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## TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications

R99 current version: 3.2.0 rapporteur: WALKER, Michael  
freeze\_meeting: SP-07 G: U: yes MCC: POPE, Maurice  
VODAFONE Group Plc

remarks - general: ex SAGE; supplied by ETSI under licence

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real deliverable yet available

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Formatting 2001-07-12 3 . 1 . 1 Sage makes source file available.

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IPR, licence text 2001-08-20 3 . 1 . 2

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SP-14 2002-01-07 3 . 2 . 0

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## TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification

R99 current version: 3.1.2 rapporteur: WALKER, Michael  
freeze\_meeting: SP-07 G: U: yes MCC: POPE, Maurice  
VODAFONE Group Plc

remarks - general: ex SAGE; supplied by ETSI under licence

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real deliverable yet available

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

8 March 2005 12:05:16

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ACTIVE specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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## TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data

WG (prime / other): S3 / - rapporteur: WALKER, Michael

G: U: yes MCC: POPE, Maurice

remarks - general: ex SAGE; supplied by ETSI under licence

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real deliverable yet available [get it](#)

Formatting 2001-07-16 3 . 1 . 1 Sage makes source file available. [get it](#)

IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)

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## TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data

WG (prime / other): S3 / - rapporteur: WALKER, Michael

G: U: yes MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real deliverable yet available [get it](#)

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R99 55 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series) ACTIVE specs R99 55 .- series

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## TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification

R99  
current version: none  
freeze\_meeting: SP-26  
WG (prime / other): S3 / rapporteur: N, A  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: 2003-09-30: Note: document only available with French export licence.

G: yes U:

remarks - this release: Fill in of missing Release

history (event, available, version, comments, hyperlink):

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## TS 55.217 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data

R99  
current version: none  
freeze\_meeting: SP-26  
WG (prime / other): S3 / rapporteur: N, A  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: 2003-09-30: Note: document only available with French export licence.

remarks - this release: Fill in of missing Release

history (event, available, version, comments, hyperlink):

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## TS 55.218 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data

R99  
current version: none  
freeze\_meeting: SP-26  
WG (prime / other): S3 / rapporteur: N, A  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: 2003-09-30: Note: document only available with French export licence.

remarks - this release: Fill in of missing Release

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

8 March 2005 12:05:16

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ACTIVE specs R99 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

**TR 55.919** **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
R99 *current version:* none / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 One

*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

G: yes U:

MCC: POPE, Maurice

*history (event, available, version, comments, hyperlink):*

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## UMTS

UMTS **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

**TR 21.01U** **Requirements for the UMTS Terrestrial Radio Access (UTRA) system**

UMTS *current version:* 3.0.1

*freeze\_meeting:*

*remarks - general:* Produced by ETSI SMG2.

WG (prime / other): GP / -

G: U:

*rapporteur:* MOULSLEY, Tim

MCC: USAI, Paolino

Philips Research Laboratories

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1 . 0 . 0

smg-22 1997-06-13 3 . 0 . 0

ETSI publication 1997-11-28 3 . 0 . 1

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UMTS **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

WG (prime / other): GP / -

rapporteur: BLANC, Patrick  
USAI, Paolino

MCC: ALCATEL S.A.

G: U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TC change control	1997-06-13	3	.	0	.	0
smg-23	1997-10-17	3	.	1	.	0
smg-25	1998-03-20	3	.	2	.	0

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## TR 30.06U UTRA Concept Evaluation Reports

WG (prime / other): GP / -

rapporteur: USAI, Paolino  
USAI, Paolino

MCC: TELECOM ITALIA S.p.A.

G: U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

First complete draft	1997-12-01	1	.	0	.	0
smg-24	1997-12-15	3	.	0	.	0

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## R98

R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R98 *WG (prime / other):* SP / -

*current version:* 7.0.0

*freeze\_meeting:*

*rapporteur:* MEREDITH, John M

*MCC:* POPE, Maurice

*ETSI Secretariat*

*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-25 7 . 0 . 0

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## TR 01.04

R98 **Abbreviations and acronyms**

*current version:* 7.0.0

*freeze\_meeting:* smg-29

*WG (prime / other):* GP / -

*rapporteur:* CLAYTON, Michael

*MCC:* USAI, Paolino

*EMCOM Ltd*

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

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## TR 01.31

R98 **Fraud Information Gathering System (FIGS); Service requirements; Stage 0**

*current version:* 7.0.1

*freeze\_meeting:* smg-29

*WG (prime / other):* S3 / -

*rapporteur:* WRIGHT, Tim

*MCC:* POPE, Maurice

*Indicate persons who left Company and wait for new One*

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0

smg-26 1998-06-26 7 . 0 . 1

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# 3GPP specification status

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ACTIVE specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.33 Lawful Interception requirements for GSM

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie

G: yes U: POPE, Maurice

MOTOROLA GmbH

remarks - this release: #25: 7.0.0 (renumbered from 10.20)

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0

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## TS 01.56

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

### GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements

WG (prime / other): S1 / - rapporteur: POIRAUD, Patrick

G: yes U: CLAYTON, Michael

ALCATEL S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1 . 0 . 0

smg-29 1999-06-25 7 . 0 . 0

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## TS 01.61

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

### General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

WG (prime / other): S3 / - rapporteur: WALKER, Michael

G: yes U: POPE, Maurice

VODAFONE Group Plc

remarks - this release:

history (event, available, version, comments, hyperlink):

upgrade to R98 2001-10-04 7 . 0 . 0

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R98

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R98  
current version: 7.1.0  
freeze\_meeting: smg-29  
WG (prime / other): S1 / -  
G: yes U: KOKKOLA, Tommi  
CLAYTON, Michael  
rapporteur: NOKIA Corporation  
MCC:

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R98  
current version: 7.0.2  
freeze\_meeting: smg-29  
WG (prime / other): S1 / -  
G: yes U: CARPENTER, Paul  
CLAYTON, Michael  
rapporteur: Research in Motion UK Limited  
MCC:

remarks - general: remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1  
ETSI publication 1999-12-13 7 . 0 . 2

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
WG (prime / other): S1 / -  
G: yes U: KOKKOLA, Tommi  
CLAYTON, Michael  
rapporteur: NOKIA Corporation  
MCC:

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.04 General on Supplementary Services

current version: 7.1.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul

G: yes U: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
smg-28 1999-02-12 7 . 1 . 0  
smg-29 1999-06-25 7 . 1 . 1  
ETSI publication 1999-12-28 7 . 1 . 2

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## TS 02.06 Types of Mobile Stations (MS)

current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John

G: yes U: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 1999-12-29 7 . 0 . 1

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## TS 02.07 Mobile Station (MS) Features

current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John

G: yes U: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
ETSI publication 1999-08-03 7 . 0 . 1  
SP-07 2000-03-15 7 . 1 . 0

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.09 Security aspects

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S3 / S1 / NP  
rapporteur: CHRISTOFFERSSON, Per TeliaSonera AB  
G: yes U: POPE, Maurice  
MCC: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1  
smg-31 2000-02-16 7 . 1 . 0  
ETSI publication 2000-08-29 7 . 1 . 1

## TS 02.11 Service accessibility

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
rapporteur: IBIDUN, Kunle ORANGE SA  
G: yes U: CLAYTON, Michael  
MCC: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1999-10-16 7 . 0 . 0  
ETSI publication 1999-08-03 7 . 0 . 1  
SP-11 2001-04-02 7 . 1 . 0

## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
rapporteur: KOKKOLA, Tommi NOKIA Corporation  
G: yes U: CLAYTON, Michael  
MCC: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
smg-30 1999-11-11 7 . 1 . 0  
SP-08 2000-06-23 7 . 2 . 0

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# 3GPP specification status

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): T3 / S1 rapporteur: HOOKER, Philip  
G: yes U: THOMASEN, Gert

ORANGE PCS LTD  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0  
smg-27 1998-10-16 7 . 1 . 0  
smg-29 1999-06-25 7 . 1 . 1

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## TS 02.19 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general: SMG9->T3@#31

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian  
G: yes U: THOMASEN, Gert

Axalto S.A.  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0

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## TS 02.22 Stage 1 for personalisation of GSM ME

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / rapporteur: POIRAUD, Patrick  
G: yes U: CLAYTON, Michael

ALCATEL S.A.  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.24 Description of Charge Advice Information (CAI)

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / rapporteur: DEOL, Amar

G: yes U: MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

ETSI publication 2000-01-12 7 . 0 . 1

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## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / rapporteur: JEAL, David

G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

editorial 2002-07-19 7 . 1 . 1

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## TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S3 / rapporteur: WRIGHT, Tim

G: yes U: MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0

smg-26 1998-06-26 7 . 1 . 0

smg-29 1999-06-25 7 . 1 . 1

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.32 Immediate Service Termination (IST); Service description; Stage 1

R98  
WG (prime / other): S3 /  
current version: 7.1.1  
freeze\_meeting: smg-29  
rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1996-06-26	1	.	0	.	0
draft	1998-03-01	2	.	0	.	0
smg-25	1998-03-20	7	.	0	.	0
smg-26	1998-06-26	7	.	1	.	0
smg-29	1999-06-25	7	.	1	.	1

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## TS 02.33 Lawful Interception (LI); Stage 1

R98  
WG (prime / other): S3 /  
current version: 7.3.0  
freeze\_meeting: smg-29  
rapporteur: MCKIBBEN, Bernie  
MCC: POPE, Maurice  
MOTOROLA GmbH

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	7	.	0	.	0
smg-27	1998-10-16	7	.	1	.	0
smg-28	1999-02-12	7	.	2	.	0
editorial		7	.	2	.	1
smg-29	1999-06-25	7	.	3	.	0

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 /  
G: yes U: KOKKOLA, Tommi  
CLAYTON, Michael

rappporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.40 Procedures for Call Progress Indications

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / NP  
G: yes U: DEOL, Amar  
CLAYTON, Michael

rappporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 7 . 0 . 0  
edito 1999-07-28 7 . 0 . 1

[get it](#)  
[get it](#)

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## TS 02.41 Operator Determined Barring

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 /  
G: yes U: WATSON, John  
CLAYTON, Michael

rappporteur:  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 /  
G: yes U:

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.43 Support of Localised Service Area (SoLSA); Service description; Stage 1

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 /  
G: yes U:

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 7 . 0 . 0  
smg-28 7 . 1 . 0  
SP-05 7 . 2 . 0  
SP-08 2000-09-07 7 . 3 . 0

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## TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general: SMG9->T3@#31

WG (prime / other): T3 / S3  
G: yes U:

rapporteur: BARNES, Nigel  
MCC: THOMASEN, Gert

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R98  
WG (prime / other): S4 /  
G: yes U: NAVARRO, William  
reporteur: NORTEL NETWORKS (EUROPE)  
MCC: USAI, Paolino

remarks - general: SMG11->S4 at SMG#30

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
ETSI publication 1999-08-16 7 . 0 . 1

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## TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R98  
WG (prime / other): S1 / -  
G: yes U: POIRAUD, Patrick  
reporteur: ALCATEL S.A.  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
smg-28 1999-02-12 7 . 1 . 0  
ETSI PE 1999-05-26 7 . 1 . 1  
smg-29 1999-06-25 7 . 2 . 0  
ETSI publication 2000-09-05 7 . 2 . 1

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## TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R98  
WG (prime / other): S1 / -  
G: yes U: CLAYTON, Michael  
reporteur: EMCOM Ltd  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #25: 7.0.0 #29: 7.1.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.60 General Packet Radio Service Stage 1 Description

R98  
current version: 7.5.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U: rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
smg-28 1999-02-12 7 . 1 . 0  
smg-29 1999-06-25 7 . 2 . 0  
SP-05 1999-10-08 7 . 3 . 0  
SP-07 2000-03-15 7 . 4 . 0  
SP-08 2000-06-23 7 . 5 . 0

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## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U: rapporteur: HECHWARTNER, RolandT-Mobile International AG

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TS 02.66

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

### Support of Mobile Number Portability (MNP); Service description; Stage 1

WG (prime / other): S1 / -  
G: yes U: rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
SP-07 2000-03-15 7 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

WG (prime / other): S1 / -

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

G: yes U:

SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

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## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R98  
current version: 7.0.2  
freeze\_meeting: smg-29

WG (prime / other): S1 / -

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

G: yes U:

EMCOM Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
edito 1999-06-25 7 . 0 . 1  
publish EN 300 925 2000-08-24 7 . 0 . 2

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[get it](#)

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R98  
current version: 7.0.2  
freeze\_meeting: smg-29

WG (prime / other): S1 / -

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

G: yes U:

EMCOM Ltd

remarks - general:

remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1  
ETSI publication 1999-12-29 7 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.71 Location Services (LCS); Stage 1

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / - rapporteur: DEOL, Amar

G: yes U: Clayton, Michael

Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	1	.	0	.	0
smg-29	1999-06-25	7	.	0	.	0
SP-05	1999-10-08	7	.	1	.	0
SP-06	1999-12-15	7	.	2	.	0
SP-11	2001-04-06	7	.	3	.	0

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## TS 02.72 Call Deflection Service description; Stage 1

R98  
current version: 7.2.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / - rapporteur: HECHWARTNER, RolandT-Mobile International AG

G: yes U: Clayton, Michael

MCC:

remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	7	.	0	.	0
smg-27	1998-10-16	7	.	1	.	0
smg-28	1999-02-12	7	.	2	.	0
smg-29	1999-06-25	7	.	2	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

R98  
current version: 7.2.0  
freeze\_meeting: smg-29  
WG (prime / other): S1 / -  
G: yes U:  
rapporteur: GRECH, Michel  
MCC: CLAYTON, Michael  
Lucent Technologies Network Systems UK

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
SP-10 2001-01-12 7 . 1 . 0  
SP-14 2002-01-14 7 . 2 . 0

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## TS 02.79 Support of Optimal Routing (SOR); Service definition (Stage 1)

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - general:

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 02.81 Line Identification Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
WG (prime / other): S1 / -  
G: yes U:  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB

remarks - general:

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U: ORANGE SA  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1

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[get it](#)

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## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U: EMCOM Ltd  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U: SIEMENS AG  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.87 User-to-User Signaling (UUS) Service Description; Stage 1

R98  
current version: 7.1.2  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
smg-28 1999-02-12 7 . 1 . 0  
smg-29 1999-06-25 7 . 1 . 1  
ETSI publication 1999-12-16 7 . 1 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.91 Explicit Call Transfer (ECT)

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
SIEMENS AG  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): S1 / -  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): S1 / -  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 02.96 Name Identification Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): S1 / -  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98  
WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael  
freeze\_meeting: smg-29  
remarks - general: remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)

## R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

TS 03.01 Network Functions  
R98 current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime / other): S2 / NP rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: MCC: BOSWARTHICK, David  
remarks - this release: #29:7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TS 03.02** Network Architecture  
R98 current version: 7.1.0  
freeze\_meeting: smg-29

WG (prime / other): S2 / NP / T2 rapporteur: MILINSKI, Alexander-SIEMENS AG  
G: yes U: BOSWARTHICK, David  
MCC: remarks - this release: #29: 7.0.0 S#6: 7.1.0

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
SP-06 1999-12-17 7 . 1 . 0

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**TS 03.03** Numbering, Addressing and Identification

R98 current version: 7.8.0  
freeze\_meeting: smg-29

WG (prime / other): N4 / T2 rapporteur: RUSSELL, Nick  
G: yes U: KYMALAINEN, Kimmo

MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-08 7 . 2 . 0  
NP-06 1999-12-15 7 . 3 . 0  
edito 2000-02-11 7 . 3 . 1  
NP-07 1999-03-15 7 . 4 . 0  
NP-08 2000-03-17 7 . 5 . 0  
NP-12 2001-06-27 7 . 6 . 0  
NP-16 2002-06-26 7 . 7 . 0 SA did not approve companion CRs to  
02.16.  
NP-21 2003-10-09 7 . 8 . 0

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.05 Technical performance objectives

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): NP / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 03.07 Restoration Procedures

R98 current version: 7.1.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

NP-06 1999-12-15 7 . 1 . 0

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[get it](#)

## TS 03.08 Organization of Subscriber Data

R98 current version: 7.5.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

NP-06 1999-12-17 7 . 2 . 0

NP-07 2000-03-15 7 . 3 . 0

NP-09 2000-10-31 7 . 4 . 0

NP-20 2003-06-27 7 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TS 03.09** **Handover Procedures**  
R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated  
G: yes U: JURISIC, Andrijana  
MCC: #29: 7.0.0  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

**TS 03.10** **GSM Public Land Mobile Network (PLMN) Connection Types**

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: #29: 7.0.0  
remarks - this release: #29: 7.0.0

KT Freetel Co., Ltd.

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 7 . 0 . 0  
smg-29 1999-06-26 7 . 0 . 1

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[get it](#)

**TS 03.11** **Technical Realization of Supplementary Services - General Aspects**

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen  
G: yes U: KYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
remarks - this release: #29: 7.0.0

T-Mobile International AG

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.12 Location Registration Procedures

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / -  
G: yes U:  
rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
SIEMENS AG

remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
edito 1999-08-10 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.15 Technical Realization of Operator Determined Barring

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TS 03.16 Subscriber Data Management

R98  
current version: 7.7.0  
freeze\_meeting: smg-29

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

NP-06 1999-12-15 7 . 2 . 0

NP-07 2000-03-15 7 . 3 . 0

NP-09 2000-10-31 7 . 4 . 0

NP-11 2001-04-02 7 . 5 . 0

NP-17 2002-09-17 7 . 6 . 0

NP-23 2004-03-23 7 . 7 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.18 R98

**Basic Call Handling**  
current version: 7.5.0  
freeze\_meeting: smg-29

WG (prime / other): N4 / -  
rapporteur: PARK, Ian David  
Chalmers  
KYMALAINEN, Kimmo  
VODAFONE LTD

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-05	1999-10-08	7	.	2	.	0
NP-07	2000-03-15	7	.	3	.	0
NP-09	2000-10-31	7	.	4	.	0
NP-22	2004-01-12	7	.	5	.	0

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## TS 03.19 R98

**Subscriber Identity Module Application Programming Interface (SIM API) for Java Card**  
current version: 7.5.0  
freeze\_meeting: smg-29

WG (prime / other): T3 / -  
rapporteur: DIETRICH, Christian  
THOMASEN, Gert  
Axalto S.A.

G: yes U:  
MCC:  
remarks - this release:

remarks - general: SMG9->T3@#31

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	1	.	0	.	0
smg-29	1999-06-25	7	.	0	.	0
smg-31	2000-02-16	7	.	1	.	0
TP-08	2000-06-23	7	.	2	.	0
TP-08	2000-09-28	7	.	3	.	0
TP-10	2001-03-07	7	.	4	.	0
TP-11	2001-07-27	7	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.20 Security-related network functions

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, Sebastien / GP France Telecom

G: yes U:

MCC: POPE, Maurice

remarks - general: #32:7.3.0? - status of CRs unclear.

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)

CR at smg-32 would have created 7.3.0,  
but unclear whether or not approved

## TS 03.22

R98  
current version: 7.4.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / N1 / rapporteur: ANDERSEN, Niels Peter / Skov QUALCOMM EUROPE S.A.R.L.

G: yes U: USAI, Paolino

MCC:

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows  
"and group receive mode".

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)  
SP-06 1999-12-15 7 . 3 . 0 [get it](#)  
SP-11 2001-04-11 7 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov  
MCC: USAI, Paolino

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TR 03.30 Radio Network Planning Aspects

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

WG (prime / other): GP / - rapporteur: TEGTH, Ulf TeliaSonera AB

G: yes U: USAI, Paolino

MCC: #29: 7.0.0 #31:7.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

smg-31 2000-02-16 7 . 1 . 0

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## TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new

One

G: yes U: POPE, Maurice

MCC: #29: 7.0.0 #31:7.1.0

remarks - general:

2001-09-03: S3 secretary reports that this spec is not mature enough for official publication. Work continues in 43.031. SP-18: in fact, in 23.031.

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.32 Universal Geographical Area Description (GAD)

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S2 / -  
G: yes U: rapporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
SP-08 2000-06-23 7 . 1 . 0  
SP-18 2003-01-09 7 . 2 . 0

## TS 03.33 Lawful Interception; Stage 2

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S3 / -  
G: yes U: rapporteur: MCKIBBEN, Bernie MOTOROLA GmbH  
MCC: POPE, Maurice

remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
SP-10 2000-12-21 7 . 2 . 0

## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / -  
G: yes U: rapporteur: KOKKOLA, Tommi NOKIA Corporation  
MCC: JURISIC, Andrijana

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.35 Immediate Service Termination (IST); Stage 2

R98 WG (prime / other): S3 / - rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new One

freeze\_meeting: smg-29

G: yes U:

MCC: POPE, Maurice

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0

ETSI publication 2001-10-30 7 . 0 . 1

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## TS 03.38 Alphabets and language-specific information

R98 WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

freeze\_meeting: smg-29

G: yes U:

MCC: HAN, Seung Don

remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0

smg-28 1999-02-12 7 . 1 . 0

smg-29 1999-06-25 7 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.40 Technical realization of the Short Message Service (SMS)

R98 current version: 7.5.0

freeze\_meeting: smg-29

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / other): T2 / -

rapporteur: ROEBKE, Matthias  
MCC: HAN, Seung Don

T-MOBILE DEUTSCHLAND

G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0  
smg-27 1998-10-16 7 . 1 . 0  
smg-29 1999-06-25 7 . 2 . 0  
TP-05 1999-10-08 7 . 3 . 0  
TP-06 1999-12-15 7 . 4 . 0  
TP-14 2002-01-11 7 . 5 . 0

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-SCB)

R98 current version: 7.4.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): T2 / -

rapporteur: HARRIS, Ian  
MCC: HAN, Seung Don

Research In Motion Limited

G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
TP-06 1999-12-15 7 . 2 . 0  
TP-07 2000-03-15 7 . 3 . 0  
TP-09 2000-10-19 7 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.42

R98 **SMS Compression**

current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited

G: yes U: HAN, Seung Don  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0  
smg-28 1999-02-12 7 . 1 . 0  
smg-29 1999-06-25 7 . 1 . 1

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## TR 03.43

R98 **Support of Videotex**

current version: 7.0.0  
freeze\_meeting: SP-08

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
Vodafone D2 GmbH

G: yes U: HAN, Seung Don  
MCC:

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TR 03.44

R98 **Support of Teletex in a GSM Public Land Mobile Network (PLMN)**

current version: 7.0.0  
freeze\_meeting: SP-08

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
Vodafone D2 GmbH

G: yes U: HAN, Seung Don  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
WG (prime / other): N3 / -  
G: yes U:  
rapporporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
WG (prime / other): N3 / -  
G: yes U:  
rapporporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R98  
current version: 7.0.0  
freeze\_meeting: SP-08  
WG (prime / other): T2 / -  
G: yes U:  
rapporporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
MCC: HAN, Seung Don  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general: SMG9->T3@#31

WG (prime / other): T3 / - rapporteur: BARNES, Nigel  
G: yes U: THOMASEN, Gert  
MCC: MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1

## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R98  
current version: 7.0.0  
freeze\_meeting: SP-08

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
G: yes U: HAN, Seung Don  
MCC: Vodafone D2 GmbH  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.  
remarks - this release: #29: 7.0.0 #32:7.1.0

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1  
smg-32 2000-06-20 7 . 1 . 0  
ETSI publication 2000-11-28 7 . 1 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R98  
WG (prime / other): G1 / -  
G: yes U:  
freeze\_meeting: smg-29  
remarks - general: ALCATEL S.A.  
rappporteur: GIRAUD, Alexis  
USAI, Paolino  
MCC:  
remarks - this release: #28: 7.0.0 #29: 7.1.0

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI PE 1999-05-26 7 . 0 . 1 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
ETSI publication 2000-09-05 7 . 1 . 1 [get it](#)

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## TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R98  
(EUROPE)  
WG (prime / other): S4 / NP / S2  
G: yes U:  
freeze\_meeting: smg-29  
remarks - general: Mar00: prime responsibility txfrd to SMG11  
rappporteur: FAUCONNIER, Denis  
USAI, Paolino  
MCC:  
remarks - this release: #25: 7.0.0

### history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)

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## TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2

R98  
WG (prime / other): N3 / -  
G: yes U:  
freeze\_meeting: smg-29  
remarks - general: KT Freetel Co., Ltd.  
rappporteur: HAN, Seung Don  
HAN, Seung Don  
MCC:  
remarks - this release: #29: 7.0.0

### history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R98  
WG (prime / other): S2 / -  
G: yes U:  
reporteur: ROBERTS, Martin Nortel  
MCC: BOSWARTHICK, David  
remarks - general: freeze\_meeting: smg-29  
remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI PE 1999-05-26 7 . 0 . 1  
smg-29 1999-06-25 7 . 1 . 0  
ETSI publication 2000-09-05 7 . 1 . 1

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## TS 03.57 Mobile Station Application Execution Environment (MEXE); Functional description; Stage 2

R98  
WG (prime / other): T2 / -  
G: yes U:  
reporteur: BRENK, Lars TTP Communications plc  
MCC: HAN, Seung Don  
remarks - general: freeze\_meeting: smg-29  
remarks - this release: #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
TP-06 1999-12-15 7 . 1 . 0  
TP-07 2000-03-15 7 . 2 . 0

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## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R98  
WG (prime / other): S4 / -  
G: yes U:  
reporteur: MONFORT, Jean-Yves France Telecom  
MCC: USAI, Paolino  
remarks - general: freeze\_meeting: smg-29  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2

current version: 7.9.0

freeze\_meeting: smg-29

WG (prime / other): S2 / -

rapporteur: KUCHIBHOTLA, Ravi

MCC: BOSWARTHICK, David

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1998-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
ETSI publication 2000-01-20 7 . 1 . 1  
SP-05 1999-10-08 7 . 2 . 0  
SP-06 1999-12-15 7 . 3 . 0  
ETSI publication 2000-07-07 7 . 3 . 1  
SP-07 2000-03-15 7 . 4 . 0  
ETSI publication 2000-09-22 7 . 4 . 1  
SP-09 2001-02-01 7 . 5 . 0  
SP-11 2001-04-19 7 . 6 . 0  
SP-12 2001-06-29 7 . 7 . 0  
SP-14 2002-01-08 7 . 8 . 0  
edito 7 . 8 . 1  
SP-17 2002-10-02 7 . 9 . 0

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## TS 03.63

### Packet Data on Signalling channels service (PDS) Service description, Stage 2

current version: 7.0.0

freeze\_meeting: smg-29

WG (prime / other): N1 / -

rapporteur: JACOBSON, Dieter

MCC: JURISIC, Andrijana

T-MOBILE DEUTSCHLAND

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime / other): G1 / -

current version: 7.1.0

rapporporteur: LEPPISAARI, Aito

USAI, Paolino

NOKIA Corporation

MCC:

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

smg-30 1999-11-11 7 . 1 . 0

## TS 03.66 Support of GSM Mobile Number Portability (MNP); Stage 2

current version: 7.3.1

WG (prime / other): N4 / -

freeze\_meeting: smg-29

rapporporteur: LOPEZ SORIA, Luis

Telefon AB LM Ericsson

MCC: KYMALAINEN, Kimmo

remarks - general: remarks - this release: #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.) TSG#7: 7.3.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

NP-05 1999-10-08 7 . 2 . 0

NP-07 2000-03-15 7 . 3 . 0

ETSI publication 2000-10-10 7 . 3 . 1

## TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

current version: 7.2.0

WG (prime / other): N4 / -

freeze\_meeting: smg-29

rapporporteur: SCHMITT, Peter

SIEMENS AG

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

NP-07 2000-03-17 7 . 1 . 0

NP-10 2000-12-21 7 . 2 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
NP-07 1999-12-15 7 . 1 . 0  
NP-09 2000-10-12 7 . 2 . 0  
NP-21 2003-10-10 7 . 3 . 0

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk

G: yes U: JURISIC, Andrijana

DETECON GMBH

remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
NP-07 2000-03-15 7 . 1 . 0  
NP-09 2000-10-12 7 . 2 . 0  
NP-21 2003-10-13 7 . 3 . 0

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general: N3: "no R99 needed".

WG (prime / other): N3 / - rapporteur: HAN, Seung Don

G: yes U: HAN, Seung Don

KT Freetel Co., Ltd.

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.71 Location Services (LCS); Functional description; Stage 2

R98  
current version: 7.11.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S2 / - rapporteur: BROOK, Richard NORTEL NETWORKS (EUROPE)

G: yes U: MCC: BOSWARTHICK, David

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	1	.	0	.	0
smg-29	1999-06-25	7	.	0	.	0
SA2-06	1999-07-30	7	.	2	.	0
edito	1999-12-29	7	.	2	.	1
smg-31	2000-02-16	7	.	3	.	0
smg-31b	2000-04-17	7	.	4	.	0
SP-11	2001-04-11	7	.	5	.	0
SP-12	2001-06-29	7	.	6	.	0
SP-13	2001-10-15	7	.	7	.	0
SP-14	2002-01-07	7	.	8	.	0
SP-15	2002-04-02	7	.	9	.	0
SP-16	2002-06-17	7	.	10	.	0
SP-24	2004-06-23	7	.	11	.	0

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## TS 03.72 Call Deflection stage 2

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -

G: yes U: MCC: VACANT, KYMALAINEN, Kimmo

remarks - this release: #28: 7.0.0 TSG#5 7.1.0

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	0	.	1
NP-05	1999-10-08	7	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98  
current version: 7.2.0  
freeze\_meeting: smg-29  
remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - this release: #27: for info

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0

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## TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98  
current version: 7.8.1  
freeze\_meeting: smg-29  
remarks - general: NP-24: txferred to N4 on closure of N2.

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: LANTELME, Isabelle  
MCC: KYMALAINEN, Kimmo  
ALCATEL S.A.

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI publication 1999-08-16 7 . 0 . 1  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-13 7 . 2 . 0  
NP-07 2000-03-17 7 . 3 . 0  
NP-08 2000-06-23 7 . 4 . 0  
NP-10 2001-01-04 7 . 5 . 0  
NP-12 2001-07-02 7 . 6 . 0  
visible figures 2001-07-04 7 . 6 . 1  
NP-14 2002-01-04 7 . 7 . 0  
NP-16 2002-06-17 7 . 8 . 0  
Editorial correction 2002-08-21 7 . 8 . 1  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-08 7 . 2 . 0  
NP-07 2000-03-15 7 . 3 . 0

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## TS 03.81 Line Identification Supplementary Services; Stage 2

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #28: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1

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[get it](#)

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo  
NORTEL NETWORKS (EUROPE)  
G: yes U:  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 03.84 Multi Party (MPTY) Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: HABERMANN, Steffen  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
G: yes U:  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
G: yes U:  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R98  
WG (prime / other): N4 / -  
G: yes U: [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release: #29: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

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## TS 03.87 User-to-user signalling (UUS); Stage 2

R98  
WG (prime / other): N4 / -  
G: yes U: [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release: #28: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1  
ETSI publication 1999-12-17 7 . 0 . 2

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R98  
WG (prime / other): N4 / -  
G: yes U: [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release: #29: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: CHOTAI, Sunil  
MCC: KYMALAINEN, Kimmo  
mmO2 plc  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.96 Name Identification Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
G: yes U:  
remarks - this release: #29: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 03.97 Multiple subscriber Profile (MSP); Stage 2

R98  
current version: 7.2.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
G: yes U:  
remarks - this release:  
VODAFONE LTD

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-08 7 . 1 . 1  
NP-06 1999-12-15 7 . 2 . 0

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R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 7.0.0

freeze\_meeting: smg-29

MCC: JURISIC, Andrijana

remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 7.0.0

freeze\_meeting: smg-29

MCC: JURISIC, Andrijana

remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 7.0.0

freeze\_meeting: smg-29

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.04 Layer 1 - General Requirements

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG

G: yes U: THOMASEN, Gert

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 04.05 Data Link (DL) Layer General Aspects

R98  
current version: 7.1.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov THOMASEN, Gert

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

ETSI publication 2000-01-12 7 . 0 . 1

smg-31 2000-02-16 7 . 1 . 0

Editorial correction 2000-03-16 7 . 1 . 1

ETSI publication 2000-09-22 7 . 1 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 current version: 7.2.1 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: smg-29

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 1999-12-14 7 . 0 . 1  
smg-31 2000-02-16 7 . 1 . 0  
Editorial correction 2000-02-16 7 . 1 . 1  
ETSI publication 2000-09-29 7 . 1 . 2  
GP-03 2001-01-31 7 . 2 . 0  
edito 2001-01-31 7 . 2 . 1

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 current version: 7.3.0 WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

freeze\_meeting: smg-29

G: yes U:

MCC:

JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-08 7 . 2 . 0  
NP-06 1999-12-15 7 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.21.0

freeze\_meeting: smg-29

WG (prime / other): N1 / G2

rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana

MOTOROLA Ltd

G: yes U:  
remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomassen (even numbered CRs)

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
edito	1999-07-15	7	.	1	.	1	<a href="#">get it</a>
ETSI OAP	1999-08-11	7	.	1	.	2	<a href="#">get it</a>
ETSI publication	1999-12-29	7	.	1	.	3	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	3	.	0	<a href="#">get it</a>
NP-06	1999-12-15	7	.	4	.	0	<a href="#">get it</a>
ETSI publication	2000-09-20	7	.	4	.	2	<a href="#">get it</a>
smg-31	2000-02-16	7	.	5	.	0	<a href="#">get it</a>
edito	2000-02-20	7	.	5	.	1	<a href="#">get it</a>
NP-07	2000-03-15	7	.	6	.	0	<a href="#">get it</a>
ETSI publication	2000-10-05	7	.	6	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	7	.	0	<a href="#">get it</a>
smg-32	2000-06-28	7	.	8	.	0	<a href="#">get it</a>
GP-01/NP-09	2000-10-12	7	.	9	.	0	<a href="#">get it</a>
edito	2000-11-02	7	.	9	.	1	<a href="#">get it</a>
NP-10	2001-01-02	7	.	10	.	0	<a href="#">get it</a>
GP-04	2001-04-11	7	.	11	.	0	<a href="#">get it</a>
GP-05	2001-06-18	7	.	12	.	0	<a href="#">get it</a>
NP-12	2001-07-13	7	.	13	.	0	<a href="#">get it</a>
GP-06	2001-09-14	7	.	14	.	0	<a href="#">get it</a>
GP-07	2002-01-04	7	.	15	.	0	<a href="#">get it</a>
NP-14	2002-01-07	7	.	16	.	0	<a href="#">get it</a>
GP-08	2002-02-19	7	.	17	.	0	<a href="#">get it</a>
NP-17	2002-09-17	7	.	18	.	0	<a href="#">get it</a>
NP-18	2002-12-18	7	.	19	.	0	<a href="#">get it</a>
correction to history box	2003-04-25	7	.	19	.	1	<a href="#">get it</a>
GP-15	2003-07-10	7	.	20	.	0	<a href="#">get it</a>
editorial	2003-09-12	7	.	20	.	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

NP-22 2004-01-05 7 . 21 . 0

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98  
current version: 7.1.0  
freeze\_meeting: smg-29  
WG (prime / other): N4 / -  
rapporteur: ANDERSEN, Niels Peter Skov  
QUALCOMM EUROPE S.A.R.L.

G: yes U: KYMALAINEN, Kimmo

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1  
NP-14 2002-01-10 7 . 1 . 0

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R98  
current version: 7.1.0  
freeze\_meeting: smg-29  
WG (prime / other): N1 / -  
rapporteur: NOBUYUKI, Uda  
NTT COMMWARE Corporation

G: yes U: JURISIC, Andrijana

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
NP-09 2000-10-12 7 . 1 . 0

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## TS 04.12 Short Message Service Cell Broadcast (SMS-Cell Broadcast) Support on the Mobile Radio Interface

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
WG (prime / other): G2 / T2  
rapporteur: ANDERSEN, Niels Peter Skov  
QUALCOMM EUROPE S.A.R.L.

G: yes U: THOMASEN, Gert

MCC:

remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.13 Performance Requirements on Mobile Radio Interface

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / - rapporteur: DAWES, Peter

G: yes U:

MCC: JURISIC, Andrijana

remarks - this release: #29: 7.0.0

VODAFONE LTD

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

ETSI publication 2000-01-12 7 . 0 . 1

## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R98  
current version: 7.3.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): G2 / -

rapporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

smg-30 1999-11-11 7 . 1 . 0

smg-32 2000-06-20 7 . 2 . 0

GP-10 2002-07-19 7 . 3 . 0

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R98  
current version: 7.1.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N3 / -

rapporteur: RÄSÄNEN, Juha

MCC: HAN, Seung Don

remarks - this release: #27: 7.0.0 TSG#8:7.1.0

NOKIA Corporation

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0

edito 1998-11-23 7 . 0 . 1

smg-29 1999-06-25 7 . 0 . 2

ETSI publication 1999-12-14 7 . 0 . 3

NP-08 2000-06-21 7 . 1 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.22** Radio Link Protocol (RLP) for data and telematic services on the Mobile Station (MS - BSS) interface and the Base Station System - Mobile-services  
R98 current version: Switching Centre (BSS - MSC) interface 7.1.0 N3  
SIEMENS AG rapporteur: KLEHN, Norbert

freeze\_meeting: smg-29

remarks - general:

G: yes U:

MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI publication 1999-08-31 7 . 0 . 1 [get it](#)  
NP-06 1999-12-15 7 . 1 . 0 [get it](#)

**TS 04.30** Location Services (LCS): Supplementary service operations; Stage 3

R98 current version: 7.3.0

freeze\_meeting: smg-29

remarks - general:

Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and the now-closed SS. TSG#: txfcd to 3GPP for R99. 2001-12-13:  
G2->N4.

N4 / -

rapporteur: GARAPATY, Sonia  
MCC: KYMALAINEN, Kimmo

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30b 1999-12-06 7 . 0 . 1 [get it](#)  
smg-31 2000-02-16 7 . 1 . 0 [get it](#)  
SP-08 2000-06-21 7 . 2 . 0 [get it](#)  
NP-14 2002-01-10 7 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.31** Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)  
R98

Nortel Networks (USA)

WG (prime / other): G2 / -

rapporporteur: GARAPATY, Sonia

G: yes U:

MCC:

remarks - this release:

freeze\_meeting: smg-29

remarks - general:

history (event, available, version, comments, hyperlink):

smg-30	1	. 0	. 0	
smg-30b	7	. 0	. 1	<a href="#">get it</a>
smg-31	7	. 1	. 0	<a href="#">get it</a>
smg-31b	7	. 2	. 0	<a href="#">get it</a>
GP-02	7	. 3	. 0	<a href="#">get it</a>
GP-03	7	. 4	. 0	<a href="#">get it</a>
edito	7	. 4	. 1	<a href="#">get it</a>
GP-04	7	. 5	. 0	<a href="#">get it</a>
GP-05	7	. 6	. 0	<a href="#">get it</a>
GP-06	7	. 7	. 0	<a href="#">get it</a>
GP-07	7	. 8	. 0	<a href="#">get it</a>
GP-08	7	. 9	. 0	<a href="#">get it</a>
GP-09	7	. 10	. 0	<a href="#">get it</a>
GP-10	7	. 11	. 0	<a href="#">get it</a>
GP-16	7	. 12	. 0	<a href="#">get it</a>
GP-18	7	. 13	. 0	<a href="#">get it</a>
GP-19	7	. 14	. 0	<a href="#">get it</a>
GP-20	7	. 15	. 0	<a href="#">get it</a>
GP-21	7	. 16	. 0	<a href="#">get it</a>
GP-22	7	. 17	. 0	<a href="#">get it</a>
GP-23	7	. 18	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.35 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

WG (prime / other): G2 / -

rapporporteur: GARAPATY, Sonia

Nortel Networks (USA)

freeze\_meeting: smg-29

MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30b	1999-12-06	7	0	1
smg-31b	2000-04-17	7	1	0
GP-01	2000-10-11	7	2	0
GP-03	2001-01-31	7	3	0
GP-07	2002-01-08	7	4	0

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## TS 04.56 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

WG (prime / other): N1 / -

rapporporteur: HUPPERICH, Peter

ALCATEL S.A.

freeze\_meeting: smg-29

MCC: JURISIC, Andrijana

remarks - general:

remarks - this release: #28: 7.0.0 #29: 7.1.0

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	0	0
ETSI PE	1999-05-25	7	0	1
smg-29	1999-06-25	7	1	0
ETSI publication	2000-09-05	7	1	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS supervising system Layer 3 Specification

R98  
current version: 7.0.3  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): N1 / -  
rapporteur: HUPPERICH, Peter  
MCC: JURISIC, Andrijana  
ALCATEL S.A.  
G: yes U:  
remarks - this release: #28: 7.0.0

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI PE 1999-05-26 7 . 0 . 1 [get it](#)  
ETSI Vote 2000-05-22 7 . 0 . 2 [get it](#)  
ETSI publication 2000-09-05 7 . 0 . 3 [get it](#)

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## TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

R98  
current version: 7.10.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / other): G2 / -  
rapporteur: HOWELL, Andrew  
MCC: THOMASEN, Gert  
MOTOROLA Ltd  
G: yes U:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
smg-30b 1999-12-06 7 . 2 . 0 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)  
smg-32 2000-06-28 7 . 5 . 0 [get it](#)  
GP-01 2000-10-11 7 . 6 . 0 [get it](#)  
GP-02 2000-11-27 7 . 7 . 0 [get it](#)  
GP-03 2001-01-31 7 . 8 . 0 [get it](#)  
GP-04 2001-05-04 7 . 9 . 0 [get it](#)  
GP-10 2002-07-19 7 . 10 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): N1 / -

rapporteur: JACOBSON, Dieter  
MCC: JURISIC, Andrijana

T-MOBILE DEUTSCHLAND

remarks - general:  
G: yes U:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R98  
current version: 7.5.0  
freeze\_meeting: smg-29

WG (prime / other): N1 / -

rapporteur: DOIG, Ian  
MCC: JURISIC, Andrijana

MOTOROLA S.A.S

remarks - general:  
G: yes U:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
SP-06 1999-12-15 7 . 2 . 0 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)  
NP-10 2001-01-02 7 . 4 . 0 [get it](#)  
NP-14 2002-01-04 7 . 5 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

R98 *current version:* 7.3.0

*freeze\_meeting:* smg-29

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.

*WG (prime / other):* N1 / -

*rapporteur:* DOJG, Ian

*MCC:* JURISIC, Andrijana

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

smg-30 1999-11-11 7 . 1 . 0

post SP-06 1999-12-15 7 . 2 . 0

smg-31 2000-02-16 7 . 3 . 0

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## TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R98 *current version:* 7.0.1

*freeze\_meeting:* smg-29

*remarks - general:*

*WG (prime / other):* N4 / -

*rapporteur:* SCHMITT, Peter

*MCC:* KYMALAINEN, Kimmo

*remarks - this release:* #29: 7.0.0

SIEMENS AG

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

ETSI publication 2000-01-12 7 . 0 . 1

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## TS 04.68 Group Call Control (GCC) Protocol

R98 *current version:* 7.2.0

*freeze\_meeting:* smg-29

*remarks - general:*

*WG (prime / other):* N1 / -

*rapporteur:* GARAPATY, Sonia

*MCC:* JURISIC, Andrijana

*remarks - this release:*

Nortel Networks (USA)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

smg-30 1999-11-11 7 . 1 . 0

NP-07 2000-03-15 7 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.69 Broadcast Call Control (BCC) protocol

current version: 7.2.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Northel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

smg-30 1999-11-11 7 . 1 . 0

NP-07 2000-03-15 7 . 2 . 0

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## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

current version: 7.5.0

freeze\_meeting: smg-29

remarks - general:

Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter

G: yes U: Skov

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 1 . 0 . 0

smg-29 1999-06-25 7 . 0 . 0

smg-30b 1999-12-15 7 . 1 . 1

smg-32 2000-06-28 7 . 2 . 0

GP-05 2001-06-18 7 . 3 . 0

GP-07 2002-01-08 7 . 4 . 0

GP-10 2002-07-22 7 . 5 . 0

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.72 Call Deflection (CD) Supplementary Service; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:   
freeze\_meeting: smg-29  
remarks - this release: #27: for info #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI publication 2001-10-30 7 . 0 . 1

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R98  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:   
freeze\_meeting: smg-29  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
NP-06 1999-12-15 7 . 1 . 0  
NP-07 2000-03-15 7 . 2 . 0  
NP-08 2000-06-21 7 . 3 . 0  
NP-09 2000-09-28 7 . 4 . 0  
editorial 2003-10-09 7 . 4 . 1

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## TS 04.81 Line Identification Supplementary Services; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:   
freeze\_meeting: smg-29  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
Publication 2000-01-12 7 . 0 . 1

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ACTIVE specs R98 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U: *rapporteur: WIEHE, Ulrich*  
*MCC: KYMALAINEN, Kimmo*  
*remarks - this release: #28: 7.0.0*  
Gesellschaft für Kommunikations Software

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0  
<to be defined> 1999-12-14 7 . 0 . 2

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U: *rapporteur: SHARP, Iain*  
*MCC: KYMALAINEN, Kimmo*  
*remarks - this release: #29: 7.0.0*  
NORTEL NETWORKS (EUROPE)

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
Publication 2000-01-12 7 . 0 . 1

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## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U: *rapporteur: HABERMANN, Steffen*  
*MCC: KYMALAINEN, Kimmo*  
*remarks - this release: #29: 7.0.0*  
T-Mobile International AG

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #29: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #29: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1

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## TS 04.87 User-to-User Signalling (UUS) Supplementary Service; Stage 3

R98  
current version: 7.0.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #28: 7.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-16 7 . 0 . 2

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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U: G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
Gesellschaft für Kommunikations Software  
remarks - general:  
freeze\_meeting: smg-29  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
[get it](#)

## TS 04.90 Unstructured Supplementary Service Data (USSD)

R98  
WG (prime / other): N4 / -  
G: yes U: G: yes U:  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - general:  
freeze\_meeting: smg-29  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1  
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## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98  
WG (prime / other): N4 / -  
G: yes U: G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
Gesellschaft für Kommunikations Software  
remarks - general:  
freeze\_meeting: smg-29  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1  
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ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 04.96 Name Identification Supplementary Services; Stage 3

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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R98 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): G1 / -  
G: yes U: JOKINEN, Harri  
USAI, Paolino

rappporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-30 1999-11-11 7 . 1 . 0  
GP-07 2002-01-04 7 . 2 . 0

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98  
current version: 7.7.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): G1 / -  
G: yes U: SEBIRE, Benoit  
USAI, Paolino

rappporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0  
smg-30b 1999-12-06 7 . 3 . 0  
ETSI publication 2000-07-17 7 . 3 . 1  
smg-31 2000-02-16 7 . 4 . 0  
ETSI publication 2000-09-29 7 . 4 . 1  
smg-31b 2000-04-17 7 . 5 . 0  
ETSI publication 2000-10-17 7 . 5 . 1  
GP-02 2000-11-24 7 . 6 . 0  
edito 2000-11-30 7 . 6 . 1  
edito 2001-04-20 7 . 6 . 2  
GP-06 2001-10-01 7 . 7 . 0

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ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.03

### Channel coding

current version: 7.3.1

freeze\_meeting: smg-29

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoit

USAI, Paolino

MCC: NOKIA Corporation

remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0

G: yes U:

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0  
smg-31 1999-02-16 7 . 3 . 0  
ETSI publication 2001-02-17 7 . 3 . 1

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## TS 05.04

### Modulation

current version: 7.3.0

freeze\_meeting: smg-29

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoit

USAI, Paolino

MCC: NOKIA Corporation

remarks - this release:

G: yes U:

### history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-06-20 7 . 0 . 1  
smg-30b 1999-12-06 7 . 1 . 0  
ETSI publication 2000-06-20 7 . 1 . 1  
GP-03 2001-02-15 7 . 2 . 0  
GP-05 2001-06-29 7 . 3 . 0

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ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

R98  
current version: 7.9.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / -  
G: yes U:

rappporteur: SAMUELSSON, Mats  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
ETSI publication	1999-12-14	7	.	1	.	1
smg-30	1999-11-11	7	.	2	.	0
smg-31	2000-02-16	7	.	3	.	0
ETSI publication	2000-10-15	7	.	3	.	1
smg-31b	2000-04-17	7	.	4	.	0
ETSI publication	2000-10-27	7	.	4	.	1
GP-01	2000-10-10	7	.	5	.	0
GP-06	2001-10-01	7	.	6	.	0
GP-09	2002-05-06	7	.	7	.	0
GP-10	2002-07-19	7	.	8	.	0
GP-11	2002-09-19	7	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio subsystem link control

R98 current version: 7.7.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / -  
G: yes U:   
rapporteur: EL-SAIGH, Amer  
MCC: USAI, Paolino  
VODAFONE Group Plc

remarks - general:   
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-25	7	.	0	.	0		
smg-29	7	.	1	.	0		
smg-30	7	.	2	.	0		
smg-30b	7	.	3	.	0		
ETSI publication	7	.	3	.	1		
smg-31b	2000-04-17	7	.	4	.	0	
ETSI publication	GP-01	2000-10-10	7	.	4	.	1
GP-01	2000-10-10	7	.	5	.	0	
GP-02	2000-11-24	7	.	6	.	0	
edito	2000-11-30	7	.	6	.	1	
GP-06	2001-10-01	7	.	7	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.09 Link adaptation

R98 current version: 7.7.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: remarks - this release: Skov USAI, Paolino  
MCC:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-24 7 . 0 . 1  
ETSI publication 1999-12-16 7 . 0 . 2  
smg-30 1999-11-11 7 . 1 . 0  
smg-31 1999-02-16 7 . 2 . 0  
ETSI publication 2000-10-05 7 . 2 . 1  
smg-32 2000-06-28 7 . 3 . 0  
GP-02 2000-09-01 7 . 4 . 0  
GP-03 2001-02-15 7 . 5 . 0  
remove revision 2001-07-31 7 . 5 . 1

marks

GP-06 2001-10-01 7 . 6 . 0  
GP-07 2002-01-04 7 . 7 . 0

## TS 05.10 Radio subsystem synchronization

R98 current version: 7.4.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

G: yes U: remarks - this release: USAI, Paolino  
MCC: GERAN#2:7.4.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
ETSI publication 1999-12-14 7 . 1 . 1  
smg-30 1999-11-11 7 . 2 . 0  
smg-31b 2000-04-17 7 . 3 . 0  
ETSI publication 2000-10-17 7 . 3 . 1  
GP-02 2000-11-24 7 . 4 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

**TS 05.14 Release independent frequency bands; Implementation guidelines**

R98  
*current version:* 7.2.0  
*freeze\_meeting:* smg-29  
*WG (prime / other):* G1 / G2  
*rapporteur:* KANGAS, Antti  
*MCC:* USAI, Paolino  
*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
09. Changed from G2 to G1 at same time.

*history (event, available, version, comments, hyperlink):*

GP-02 2001-01-05 7 . 0 . 0  
GP-05 2001-06-29 7 . 1 . 0  
GP-10 2002-07-19 7 . 2 . 0

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**TR 05.22 Radio link management in hierarchical networks**

R98  
*current version:* 7.0.0  
*freeze\_meeting:* smg-29  
*WG (prime / other):* G1 / -  
*rapporteur:* VAN BUSSEL, Han  
*MCC:* USAI, Paolino  
*remarks - general:* T-Mobile International AG  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to Release 2000-03-30 7 . 0 . 0  
98

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**TR 05.50 Background for RF Requirements**

R98  
*current version:* 7.4.0  
*freeze\_meeting:* smg-29  
*WG (prime / other):* G1 / -  
*rapporteur:* ANDERSEN, Niels Peter  
Skov  
*MCC:* USAI, Paolino  
*remarks - general:* QUALCOMM EUROPE S.A.R.L.  
*remarks - this release:* #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0 #31b: 7.4.0

*history (event, available, version, comments, hyperlink):*

smg-26 1998-06-26 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0  
smg-31 2000-02-16 7 . 3 . 0  
smg-31b 2000-04-17 7 . 4 . 0

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ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

WG (prime / other): G1 / -  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
rapporteur: TELECOM ITALIA S.p.A.

freeze\_meeting: smg-29

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
ETSI Publication 2000-09-05 7 . 1 . 1

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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

WG (prime / other): G1 / -  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
rapporteur: TELECOM ITALIA S.p.A.

freeze\_meeting: SP-11

remarks - general: remarks - this release: 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.

history (event, available, version, comments, hyperlink):

upgrade to R98 2001-04-10 7 . 0 . 0

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R98 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.01 Full Rate Speech Processing Functions

R98  
current version: 7.0.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-14 7 . 0 . 2

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[get it](#)

## TS 06.02 Half Rate Speech Processing Functions

R98  
current version: 7.0.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-14 7 . 0 . 2

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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-20 7 . 0 . 1

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.07 Half Rate Speech; Test Sequence for GSM Half Rate Speech Codec

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-20 7 . 0 . 1

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## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
T-MOBILE DEUTSCHLAND  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.10 Full Rate Speech Transcoding

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U: rapporteur: LORENZ, Dietmar  
USAI, Paolino  
MCC: PHILIPS Semiconductors

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI OAP 1999-07-28 7 . 0 . 1  
ETSI publication 1999-12-14 7 . 0 . 2  
inclusion of zip files 2000-03-29 7 . 0 . 3  
inclusion of doc file 2000-05-31 7 . 0 . 4  
(l)  
smg-32 2000-06-20 7 . 1 . 0  
SP-12 2001-06-29 7 . 2 . 0

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U: rapporteur: NAVARRO, William  
USAI, Paolino  
MCC: NORTEL NETWORKS (EUROPE)

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 1999-12-29 7 . 0 . 1

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: SERENO, Daniele  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1  
SP-12 2001-06-29 7 . 1 . 0

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## TS 06.20 Half Rate Speech Transcoding

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-17 7 . 0 . 1

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-17 7 . 0 . 1

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
MOTOROLA Ltd

MCC:  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-20 7 . 0 . 1

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.

MCC:  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1

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[get it](#)

## TS 06.32 Voice Activity Detection (VAD)

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
Indicate persons who left Company and wait for new One

MCC:  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-13 7 . 0 . 1

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# 3GPP specification status

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R98  
WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29  
TELECOM ITALIA S.p.A.  
remarks - general: remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-20 7 . 0 . 1

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## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R98  
WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29  
Indicate persons who left Company and wait for new One  
remarks - general: remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-20 7 . 0 . 1

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## TS 06.51 GSM Enhanced full rate speech processing functions: General description

R98  
WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29  
NOKIA Corporation  
remarks - general: remarks - this release: #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1  
smg-32 2000-06-20 7 . 1 . 0  
ETSI publication 2000-11-30 7 . 1 . 1  
SP-10 2000-12-20 7 . 2 . 0

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.53 ANSIC code for the GSM Enhanced Full Rate (EFR) speech codec

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1  
SP-10 2000-12-20 7 . 2 . 0

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

WG (prime / other): S4 / - rapporteur: SALEM, Tarek  
G: yes U: USAI, Paolino  
T-MOBILE DEUTSCHLAND

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.60 Enhanced full rate speech transcoding

R98  
current version: 7.0.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: USAI, Paolino

NOKIA Corporation

remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0

ETSI Publication 1999-12-13 7 . 0 . 2

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

NOKIA Corporation

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: USAI, Paolino

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

ETSI Publication 2000-01-12 7 . 0 . 1

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## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

NOKIA Corporation

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: USAI, Paolino

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

ETSI Publication 2000-01-12 7 . 0 . 1

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Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.71 Adaptive Multi-Rate speech processing functions; General description

R98  
WG (prime / other): S4 / -  
G: yes U:                   USAI, Paolino  
                                  USAI, Paolino  
freeze\_meeting: smg-29  
                                  MCC:  
remarks - general: SMG11->S4 at SMG#30  
                                  remarks - this release: #28: 7.0.0  
                                  TELECOM ITALIA S.p.A.

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-16 7 . 0 . 2

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## TS 06.73 Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec

R98  
WG (prime / other): S4 / -  
G: yes U:                   USAI, Paolino  
                                  USAI, Paolino  
freeze\_meeting: smg-29  
                                  MCC:  
remarks - general: SMG11->S4 at SMG#30  
                                  remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0  
                                  TELECOM ITALIA S.p.A.

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0  
SP-06 1999-12-17 7 . 3 . 0  
SP-07 2000-03-15 7 . 4 . 0  
ETSI Publication 2000-09-28 7 . 4 . 1  
SP-11 2001-04-10 7 . 5 . 0  
SP-14 2002-01-09 7 . 6 . 0

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.74 Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec

WG (prime / other): S4 / - rapporteur: EKUDDEN Erik

G: yes U:

freeze\_meeting: smg-29

USAI, Paolino

Telefon AB LM Ericsson

MCC:

remarks - general: SMG11->S4 at SMG#30

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 2 . 0 . 0

SP-06 1999-12-17 7 . 0 . 0

corrected test 2000-02-04 7 . 0 . 1

vectors

corrected test 2000-09-14 7 . 0 . 2

vectors

ETSI publication 2000-10-05 7 . 0 . 3

SP-11 2001-04-10 7 . 1 . 0

corrected tests 2001-07-04 7 . 1 . 1

SP-15 2002-03-28 7 . 2 . 0

SP-16 2002-06-28 7 . 3 . 0

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## TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec

WG (prime / other): S4 / - rapporteur: USAI, Paolino

G: yes U:

freeze\_meeting: smg-29

USAI, Paolino

TELECOM ITALIA S.p.A.

MCC:

remarks - general: SMG11->S4 at SMG#30

remarks - this release: SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 1 . 0 . 0

smg-30 1999-11-11 7 . 0 . 0

SP-06 1999-12-17 7 . 1 . 0

SP-07 2000-03-17 7 . 2 . 0

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report

R98 TELECOM ITALIA S.p.A.

WG (prime / other): USAI, Paolino  
G: yes U: USAI, Paolino

rapporteur: / -  
MCC: / -

remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 1 . 0 . 0 [get it](#)  
SP-07 2 . 0 . 0 SP-000023

SP-07 2000-03-17 7 . 0 . 0 [get it](#)

fix invisible figures 2002-01-10 7 . 0 . 1 [get it](#)

refix invisible figures 2002-01-15 7 . 0 . 2 [get it](#)

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R98 NOKIA Corporation

WG (prime / other): S4 / - JÄRVINEN, Kari  
G: yes U: USAI, Paolino

rapporteur: / -  
MCC: / -

remarks - general: remarks - this release: #29: 7.0.0 #30: 7.1.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

smg-30 1999-11-11 7 . 1 . 0 [get it](#)

ETSI Publication 2000-05-09 7 . 1 . 1 [get it](#)

## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R98 NOKIA Corporation

WG (prime / other): S4 / - JÄRVINEN, Kari  
G: yes U: USAI, Paolino

rapporteur: / -  
MCC: / -

remarks - general: remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

ETSI Publication 2000-01-12 7 . 0 . 1 [get it](#)

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
WG (prime / other): S4 / -  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
G: yes U:  
remarks - general: remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 06.90 Adaptive Multi-Rate speech transcoding

R98  
current version: 7.2.1  
freeze\_meeting: smg-29  
WG (prime / other): S4 / -  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
G: yes U:  
remarks - general: SMG11->S4 at SMG#30  
remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0  
ETSI Publication 2000-05-09 7 . 2 . 1

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## TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98  
current version: 7.1.1  
freeze\_meeting: smg-29  
WG (prime / other): S4 / -  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
G: yes U:  
remarks - general: SMG11->S4 at SMG#30  
remarks - this release: #28: 7.0.0 #30: 7.1.0

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-30 1999-11-11 7 . 1 . 0  
ETSI Publication 2000-05-09 7 . 1 . 1

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98  
WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29  
TELECOM ITALIA S.p.A.  
remarks - general: SMG11->S4 at SMG#30  
remarks - this release: #28: 7.0.0 #29: 7.1.0

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
ETSI Publication 1999-12-17 7 . 1 . 1 [get it](#)

## TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98  
WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29  
TELECOM ITALIA S.p.A.  
remarks - general: SMG11->S4 at SMG#30  
remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8: 7.4.0 TSG#10: 7.5.0

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)  
SP-06 1999-12-17 7 . 3 . 0 [get it](#)  
ETSI publication 2001-03-21 7 . 3 . 1 [get it](#)  
SP-08 2000-06-28 7 . 4 . 0 [get it](#)  
ETSI publication 2000-11-30 7 . 4 . 1 [get it](#)  
SP-10 2000-12-21 7 . 5 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels

R98 WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
freeze\_meeting: smg-29 MCC: USAI, Paolino  
remarks - general: SMG11->S4 at SMG#30 remarks - this release: #28: 7.0.0 #29: 7.1.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
ETSI Publication 1999-12-22 7 . 1 . 1 [get it](#)

## R98 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

### TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R98 WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
freeze\_meeting: smg-29 MCC: HAN, Seung Don  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0 [get it](#)  
smg-28 1999-02-12 7 . 1 . 0 [get it](#)  
ETSI Publication 1999-08-10 7 . 1 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R98  
WG (prime / other): N3 / -  
G: yes U:  
current version: 7.0.1  
freeze\_meeting: smg-29  
rapporporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - general: remarks - this release: #27: 7.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
ETSI Publication 1999-08-10 7 . 0 . 1

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[get it](#)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R98  
WG (prime / other): N3 / -  
G: yes U:  
current version: 7.0.0  
freeze\_meeting: smg-29  
rapporporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - general: remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98  
WG (prime / other): T2 / -  
G: yes U:  
current version: 7.0.1  
freeze\_meeting: smg-29  
rapporporteur: HARRIS, Ian  
MCC: HAN, Seung Don  
Research In Motion Limited  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98  
current version: 7.8.0  
freeze\_meeting: SP-08

remarks - general:

WG (prime / other): T2 / - rapporteur: VOTE, Nicola  
G: yes U: HAN, Seung Don NTT DoCoMo Inc.

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0  
smg-27 1998-10-16 7 . 1 . 0  
smg-28 1999-02-12 7 . 2 . 0  
smg-29 1999-06-25 7 . 3 . 0  
TP-05 1999-10-13 7 . 4 . 0  
TP-06 1999-12-15 7 . 5 . 0  
TP-11 2001-04-06 7 . 6 . 0  
TP-14 2002-01-11 7 . 7 . 0  
TP-19 2003-03-28 7 . 8 . 0

## TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
G: yes U: HAN, Seung Don Vodafone D2 GmbH

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
TP-05 1999-10-08 7 . 1 . 0  
TP-15 2002-03-26 7 . 2 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98  
WG (prime / other): N3 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
G: yes U: HAN, Seung Don  
freeze\_meeting: smg-29 MCC:  
remarks - general: remarks - this release: #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
NP-05 1999-10-08 7 . 1 . 0 [get it](#)  
NP-11 2001-04-04 7 . 2 . 0 [get it](#)

## R98 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

### TS 08.01 General Aspects on the BSS-MSC Interface

R98  
WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
G: yes U: Skov  
THOMASEN, Gert  
freeze\_meeting: smg-29 MCC:  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R98 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
current version: 7.0.0  
freeze\_meeting: smg-29

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R98 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
current version: 7.0.1  
freeze\_meeting: smg-29

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R98 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
current version: 7.0.1  
freeze\_meeting: smg-29

G: yes U:

MCC:

THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R98 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 7.7.0

freeze\_meeting: smg-29

Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	7	.	0	.	0
smg-28	1999-02-12	7	.	1	.	0
smg-29	1999-06-25	7	.	2	.	0
smg-30	1999-11-11	7	.	3	.	0
smg-30b	1999-12-06	7	.	4	.	0
smg-31b	2000-04-17	7	.	5	.	0
smg-31	2000-02-16	7	.	5	.	0
smg-32	2000-06-20	7	.	6	.	0
edito	2000-09-14	7	.	6	.	1
GP-01	2000-10-11	7	.	7	.	0

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## TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface: Gb Interface Layer 1

R98 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 7.0.1

freeze\_meeting: smg-29

Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0
ETSI Publication	1999-08-30	7	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.16** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R98 *current version:* 7.1.0 *WG (prime / other):* G2 / - *rapporporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov THOMASEN, Gert

*remarks - general:*

G: yes U: *remarks - this release:*  
MCC: THOMASEN, Gert

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)

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**TS 08.18** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**  
R98 *current version:* 7.5.0 *WG (prime / other):* G2 / - *rapporporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* smg-29 THOMASEN, Gert

*remarks - general:*

G: yes U: *remarks - this release:*  
MCC: THOMASEN, Gert

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)  
ETSI publication 2000-05-26 7 . 3 . 1 [get it](#)  
GP-03 2001-01-31 7 . 4 . 0 [get it](#)  
GP-05 2001-06-18 7 . 5 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha  
G: yes U: HAN, Seung Don NOKIA Corporation

freeze\_meeting: smg-29

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1  
NP-11 2001-04-04 7 . 1 . 0

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## TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
G: yes U: Skov THOMASEN, Gert QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: smg-29

remarks - general:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30 1 . 0 . 0  
smg-30b 1999-12-06 7 . 0 . 1  
GP-05 2001-06-18 7 . 1 . 0

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## TS 08.51 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
G: yes U: Skov THOMASEN, Gert QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: smg-29

remarks - general:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series/08\\_r98/specs/R98\\_ACTIVE\\_specs](http://www.3gpp.org/ftp/Specs/archive/08_series/08_r98/specs/R98_ACTIVE_specs)

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## TS 08.52 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: smg-29

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: smg-29

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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## TS 08.56 BSC-BTS Layer 2; Specification

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: smg-29

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R98  
current version: 7.4.1  
freeze\_meeting: smg-29

WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:

MCC: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.4.0  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	0	0	<a href="#">get it</a>
smg-29	1999-06-25	7	1	0	<a href="#">get it</a>
smg-30	1999-11-11	7	2	0	<a href="#">get it</a>
smg-31	2000-02-16	7	4	0	<a href="#">get it</a>
ETSI Publication	2000-05-26	7	4	1	<a href="#">get it</a>

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## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

WG (prime / other): G1 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
USAI, Paolino

G: yes U:

MCC: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.4.0  
remarks - this release:

remarks - general:

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

history (event, available, version, comments, hyperlink):

smg-29	2000-06-25	7	0	0	<a href="#">get it</a>
smg-30	1999-11-11	7	1	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	2	0	<a href="#">get it</a>
ETSI publication	2000-09-07	7	2	1	<a href="#">get it</a>
GP-08	2002-02-19	7	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R98 WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: smg-29

G: yes U:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -

> G1.

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	0	0
smg-30	1999-11-11	7	1	0
smg-30b	1999-12-06	7	2	0
Edito	1999-12-15	7	2	1
GP-08	2002-02-19	7	3	0

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## TS 08.62 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.

freeze\_meeting: smg-29

G: yes U:

remarks - general: SMG11->S4 at SMG#30

remarks - this release: #28: 7.0.0 TSG#7: 7.1.0

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	0	0
SP-07	1999-03-15	7	1	0
edito	2000-08-09	7	1	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3

R98 current version: 7.6.0 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting: smg-29

G: yes U: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	.	0	.	0		<a href="#">get it</a>
smg-30b	1999-12-06	7	.	1	.	0		<a href="#">get it</a>
edito	1999-12-31	7	.	1	.	1		<a href="#">get it</a>
smg-31	2000-02-16	7	.	2	.	0		<a href="#">get it</a>
smg-31b	2000-04-17	7	.	3	.	0		<a href="#">get it</a>
GP-02	2000-11-30	7	.	4	.	0		<a href="#">get it</a>
GP-06	2001-09-14	7	.	5	.	0		<a href="#">get it</a>
GP-07	2002-01-08	7	.	6	.	0		<a href="#">get it</a>

## R98 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

### TR 09.01 General Network Interworking Scenarios

R98 current version: 7.0.0 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

freeze\_meeting: smg-29 MCC: KYMALAINEN, Kimmo

G: yes U: remarks - this release:

WG (prime / other): N4 / -

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R98  
current version: 7.15.0  
freeze\_meeting: smg-29  
remarks - general: CN->N4 Apr00 (JMM)

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-08 7 . 2 . 0  
NP-06 1999-12-13 7 . 3 . 0  
NP-07 2000-03-15 7 . 4 . 0  
NP-08 2000-06-21 7 . 5 . 0  
edito 2000-09-04 7 . 5 . 1  
NP-09 2000-11-08 7 . 6 . 0  
NP-10 2000-12-21 7 . 7 . 0  
NP-11 2001-04-06 7 . 8 . 0  
NP-12 2001-07-06 7 . 9 . 0  
NP-14 2002-01-18 7 . 10 . 0  
NP-15 2002-04-04 7 . 11 . 0  
NP-18 2003-01-08 7 . 12 . 0  
NP-19 2003-04-07 7 . 13 . 0  
NP-21 2003-10-09 7 . 14 . 0  
NP-23 2004-03-23 7 . 15 . 0

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## TS 09.03

R98  
current version: Network (PLMN)

Signalling Requirements on Interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

WG (prime / other): N3 / -  
rapporteur: HAN, Seung Don KT

Freetel Co., Ltd.

freeze\_meeting: smg-29  
remarks - general: N3: "no R99 needed".

G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #29: 7.0.0

### history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general: N3: "no R99 needed".  
WG (prime / other): N3 / -  
rappporteur: HAN, Seung Don  
G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #29: 7.0.0  
KT Freetel Co., Ltd.

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general: N3: "no R99 needed".  
WG (prime / other): N3 / -  
rappporteur: HAN, Seung Don  
G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #29: 7.0.0  
KT Freetel Co., Ltd.

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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## TS 09.06 Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general: N3: "no R99 needed".  
WG (prime / other): N3 / -  
rappporteur: HAN, Seung Don  
KT Freetel Co., Ltd.  
G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

**TS 09.07** General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)  
R98 current version: Network (PSTN) N3 /-  
SIEMENS AG

WG (prime / other):  
reporteur: BELLING, Thomas

freeze\_meeting: smg-29

remarks - general:

G: yes U:

MCC: HAN, Seung Don

remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	7	0	0	<a href="#">get it</a>
smg-28	1999-02-12	7	1	0	<a href="#">get it</a>
smg-29	1999-06-25	7	1	1	<a href="#">get it</a>
NP-06	1999-12-15	7	2	0	<a href="#">get it</a>

**TS 09.08** Application of the Base Station System Application Part (BSSAP) on the E-Interface

R98 current version: 7.2.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N1 / -

reporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U:

MCC: JURISIC, Andrijana

remarks - this release: #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	0	0	<a href="#">get it</a>
smg-30	1999-11-11	7	1	0	<a href="#">get it</a>
NP-06	1999-12-13	7	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.10** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling  
R98 current version: Procedures and the Mobile Application Part (MAP) N4  
TeliaSonera AB

rapporteur: KYMALAINEN, Kimmo

freeze\_meeting: smg-29

remarks - general:

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
NP-06 1999-12-15 7 . 1 . 0  
NP-11 2001-04-04 7 . 2 . 0

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**TS 09.11** Signalling Interworking for Supplementary Services

R98 current version: 7.0.1

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -

rapporteur: WIEHE, Ulrich

Gesellschaft für Kommunikations Software

MCC: KYMALAINEN, Kimmo

remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-03-12 7 . 0 . 1

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[get it](#)

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**TS 09.13** Signalling interworking between ISDN supplementary services

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / other): N4 / -

Application Service Element (ASE) and Mobile Application Part (MAP) protocols

rapporteur: WIEHE, Ulrich

Gesellschaft für Kommunikations Software

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.14** Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol R98  
current version: 7.0.2  
freeze\_meeting: smg-29  
remarks - general: EN 302 646

history (event, available, version, comments, hyperlink):  
SPS approval 1999-06-30 7 . 0 . 1  
ETSI publication 2000-09-26 7 . 0 . 2

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**TS 09.16** General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): N1 / -  
rapporporteur: DAWES, Peter  
MCC: JURISIC, Andrijana  
G: yes U:  
remarks - this release: (SPAN1)

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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**TS 09.18** General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification R98  
current version: 7.5.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime / other): N1 / -  
rapporporteur: DAWES, Peter  
MCC: JURISIC, Andrijana  
G: yes U:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
NP-05 1999-10-08 7 . 2 . 0  
NP-07 2000-03-15 7 . 3 . 0  
NP-13 2001-10-02 7 . 4 . 0  
NP-14 2002-01-04 7 . 5 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 7.8.0

Skov

G: yes U:

THOMASEN, Gert

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-30b	1999-12-06	7 . 0 . 0	<a href="#">get it</a>
smg-31	2000-02-16	7 . 1 . 0	<a href="#">get it</a>
smg-31b	2000-04-17	7 . 2 . 0	<a href="#">get it</a>
smg-32	2000-06-28	7 . 3 . 0	<a href="#">get it</a>
GP-01	2000-10-11	7 . 4 . 0	<a href="#">get it</a>
ETSI publication		7 . 4 . 1	
GP-06	2001-09-18	7 . 5 . 0	<a href="#">get it</a>
GP-07	2002-01-08	7 . 6 . 0	<a href="#">get it</a>
GP-10	2002-07-19	7 . 7 . 0	<a href="#">get it</a>
GP-19	2004-05-06	7 . 8 . 0	<a href="#">get it</a>

ETSI format only. Not for 3GPP use.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R98  
current version: 7.10.0  
freeze\_meeting: smg-29

rapporteur: KYMALAINEN, Kimmo TeliSonera AB

MCC: KYMALAINEN, Kimmo

WG (prime / other): N4 / -

G: yes U:

remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0		<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0		<a href="#">get it</a>
NP-06	1999-12-15	7	.	3	.	0		<a href="#">get it</a>
NP-07	2000-03-15	7	.	4	.	0		<a href="#">get it</a>
NP-08	2000-06-21	7	.	5	.	0		<a href="#">get it</a>
NP-09	2000-10-31	7	.	6	.	0		<a href="#">get it</a>
NP-11	2001-04-02	7	.	7	.	0		<a href="#">get it</a>
edito	2001-07-04	7	.	7	.	1	prob with figures. Expect an update.	<a href="#">get it</a>
make figures visible	2001-08-09	7	.	7	.	2		<a href="#">get it</a>
NP-13	2001-10-03	7	.	8	.	0		<a href="#">get it</a>
NP-16	2002-06-21	7	.	9	.	0		<a href="#">get it</a>
NP-18	2003-01-07	7	.	10	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.61 R98

**General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)**

WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson

freeze\_meeting: smg-29

G: yes U:

MCC:

HAN, Seung Don

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-06	1999-12-15	7	.	2	.	0
NP-11	2001-04-04	7	.	3	.	0
NP-13	2001-10-12	7	.	4	.	0
NP-14	2002-01-14	7	.	5	.	0
NP-15	2002-03-20	7	.	6	.	0
NP-16	2002-07-02	7	.	7	.	0
NP-18	2003-01-09	7	.	8	.	0
NP-19	2003-03-27	7	.	9	.	0
NP-20	2003-06-23	7	.	10	.	0

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## TS 09.78 R98

**CAMEL Application Part phase 2 (stage 3)**

current version: 7.1.0

freeze\_meeting: smg-29

remarks - general: NP-24: txferred to N4 on closure of N2.

WG (prime / other): N4 / -

rapporteur: NOLDUS, Rogier

Telefon AB LM Ericsson

G: yes U:

MCC:

KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	.	0	.	0
NP-08	2000-06-21	7	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

WG (prime / other): N1 / -  
freeze\_meeting: smg-28

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U:

MCC: JURISIC, Andrijana

remarks - general: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

history (event, available, version, comments, hyperlink):

NP-16 2002-06-26 7 . 0 . 0

edito post NP-18 2002-12-16 7 . 0 . 1 minor editorials to change style from TS [get it](#)

TR.

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## TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles

WG (prime / other): G1 / -  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U:

MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-20 7 . 0 . 0

GP-07 2002-01-04 7 . 1 . 0

GP-08 2002-02-19 7 . 2 . 0

GP-12 2003-01-03 7 . 3 . 0

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10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.00 Digital Cellular Telecommunication System Feature Description

R98  
WG (prime / other): S2 / -  
G: yes U:   
rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
MCC: BOSWARTHICK, David  
remarks - general: freeze\_meeting: smg-29  
remarks - this release: #27: 7D1.0

history (event, available, version, comments, hyperlink):

smg-26 1998-09-11 7 . 0 . 0  
smg-27 7 . 1 . 0 Not available  
[get it](#)

## TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

R98  
WG (prime / other): S2 / -  
G: yes U:   
rapporteur: GALLIGO, Michel ALCATEL S.A.  
MCC: BOSWARTHICK, David  
remarks - general: freeze\_meeting: smg-29  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft 1998-08-28 2 . 0 . 1  
smg-27 2000-02-09 7 . 0 . 0  
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## TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR

R98  
WG (prime / other): S4 / -  
G: yes U:   
rapporteur: VACANT, USAI, Paolino  
MCC:   
remarks - general: freeze\_meeting: smg-29  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 0 . 0 . 1  
smg-28 1999-02-12 0 . 2 . 0  
draft 1999-02-05 0 . 2 . 1  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

R98 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-1** **Mobile station (MS) conformance specification; Part 1: Conformance specification**  
R98 *WG (prime / other):* G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*current version:* 7.3.0  
*freeze\_meeting:* smg-29

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
G: yes U: BAEV, Stoyan  
MCC: #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0
smg-30	1999-11-11	7	.	1	.	0
smg-31	2000-02-16	7	.	2	.	0
editorial correction	2000-02-16	7	.	2	.	1
GP-06	2001-09-06	7	.	3	.	0

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**TS 11.10-4** **Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification**  
R98 *WG (prime / other):* T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-29

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).  
G: yes U: THOMASEN, Gert  
MCC: GP-13: doc becomes pointer to latest Rel version.

*history (event, available, version, comments, hyperlink):*  
GP-13 2003-02-21 7 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

WG (prime / other): T3 / -

G: yes U:

rapporteur: GUTHERY, Scott B.

MCC: THOMASEN, Gert

Mobile-Mind Inc.

remarks - this release:

remarks - general:

freeze\_meeting: smg-32

history (event, available, version, comments, hyperlink):

smg-26	1998-06-26	7	.	0	.	0
smg-27	1998-10-16	7	.	1	.	0
smg-28	1999-02-12	7	.	2	.	0
smg-29	1999-06-25	7	.	3	.	0
smg-30	1999-11-11	7	.	4	.	0
smg-31	2000-02-16	7	.	5	.	0
smg-32	2000-06-28	7	.	6	.	0
edito	2000-07-24	7	.	6	.	1
TP-14	2002-01-17	7	.	7	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R98 WG (prime / other): T3 / - rapporteur: BEGASSAT, Christophe Axalto S.A.

freeze\_meeting: SP-11 MCC: THOMASEN, Gert

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

T3-16	0	2	0	<a href="#">get it</a>		
TP-10	2001-01-11	1	0	0	<a href="#">get it</a>	
TP-11	2001-05-16	7	0	0	late delivery due to very poor initial formatting	
edito	2002-08-08	7	0	1	<a href="#">get it</a>	
					7.0.0. had wrong date on cover page / header	
TP-12	2001-07-12	7	1	0	<a href="#">get it</a>	
TP-13	2001-10-12	7	2	0	<a href="#">get it</a>	
TP-14	2002-02-01	7	3	0	<a href="#">get it</a>	
TP-15	2002-04-04	7	4	0	<a href="#">get it</a>	
edito post	TP-15	2002-04-12	7	4	1	<a href="#">get it</a>
edito post	TP-17	2002-09-18	7	4	2	<a href="#">get it</a>
					adds missing annex attachments	
					changes reference to withdrawn ETSI TS.	

## TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

R98 WG (prime / other): T3 / - rapporteur: DUBOIS, Christophe Axalto S.A.

freeze\_meeting: smg-29 MCC: THOMASEN, Gert

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-26	1998-06-26	7	0	0	<a href="#">get it</a>
smg-27	1998-10-16	7	1	0	<a href="#">get it</a>
smg-28	1999-02-12	7	2	0	<a href="#">get it</a>
smg-29	1999-06-25	7	3	0	<a href="#">get it</a>
smg-31	2000-02-16	7	4	0	<a href="#">get it</a>
smg-32	2000-06-28	7	5	0	<a href="#">get it</a>
TP-09	2000-10-18	7	6	0	<a href="#">get it</a>
TP-12	2001-07-06	7	7	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.17 Subscriber Interface Module (SIM) test specification

R98  
WG (prime / other): T3 / -  
G: yes U: SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
THOMASEN, Gert  
rapporteur: THOMASEN, Gert  
MCC:  
freeze\_meeting: smg-29  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-14 7 . 0 . 2

[get it](#)  
[get it](#)

## TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface

R98  
WG (prime / other): T3 / -  
G: yes U: LINDHOLM, Rune  
THOMASEN, Gert  
rapporteur: THOMASEN, Gert  
MCC:  
freeze\_meeting: smg-29  
remarks - general: remarks - this release: #25: 1.0.0 #28: 7.0.0

NOKIA Corporation

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 1 . 0 . 0  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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[get it](#)  
[get it](#)

## TS 11.19 CTS SIM Fixed Part

R98  
WG (prime / other): T3 / -  
G: yes U: HUBBE, Pascal  
THOMASEN, Gert  
rapporteur: THOMASEN, Gert  
MCC:  
freeze\_meeting: smg-29  
remarks - general: remarks - this release: #28: 7.0.0

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 2000-09-05 7 . 0 . 3

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98  
WG (prime / other): G1 / - rapporteur: VACANT.  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29  
MCC:  
remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)  
ETSI Publication 2000-05-09 7 . 2 . 1 [get it](#)  
GP-12 2003-01-03 7 . 3 . 0 [get it](#)  
GP-13 2003-02-21 7 . 4 . 0 [get it](#)  
GP-15 2003-07-11 7 . 5 . 0 [get it](#)

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98  
WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
G: yes U: Skov  
freeze\_meeting: smg-29  
MCC: USAI, Paolino  
remarks - general:  
remarks - this release: GP-09 (Usai) created to fill the Release gap.

### history (event, available, version, comments, hyperlink):

GP-09 2002-05-06 7 . 0 . 0 [get it](#)

R98 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

**TS 12.03** **Security Management**  
R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S5 / S1 / NP  
rappporteur: TRUSS, Michael MOTOROLA Ltd  
ZOICAS, Adrian  
MCC:  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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[get it](#)

**TS 12.04** **Performance data measurements**  
R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S5 / S1 / NP  
rappporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
ZOICAS, Adrian  
MCC:  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-30 1999-11-11 7 . 0 . 0

[get it](#)

**TS 12.05** **Subscriber Related Call and Event Data**  
R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S5 / S1  
rappporteur: ALEXANDER, Benni NOKIA Corporation  
ZOICAS, Adrian  
MCC:  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.15 General Packet Radio Service (GPRS); GPRS Charging

R98  
current version: 7.7.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S5 / -  
G: yes U: rapporteur: ALEXANDER, Benni  
MCC: ZOICAS, Adrian  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	7	.	0	.	0
smg-28	1999-02-12	7	.	1	.	0
smg-29	1999-06-25	7	.	2	.	0
smg-30	1999-11-11	7	.	3	.	0
SP-06		7	.	4	.	0
SP-07	2000-03-15	7	.	5	.	0
SP-08	2000-06-21	7	.	6	.	0
SP-18	2003-01-07	7	.	7	.	0

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## TS 12.21

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general: SP-13: S5->G3 but no change of rapporteur.

Network Management (NM) procedures and messages on the A-bis interface

WG (prime / other): G1 / S5  
G: yes U: rapporteur: TRUSS, Michael  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release: GP-09 (Usai) created to fill the Release gap.

history (event, available, version, comments, hyperlink):

GP-09	2002-05-06	7	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.71 Location Services (LCS); Location services management

current version: 7.0.1

freeze\_meeting: smg-29

remarks - general: TSG#11:S5 will no longer maintain.

WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)

G: yes U: MCC: ZOICAS, Adrian

remarks - this release: Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

### history (event, available, version, comments, hyperlink):

draft	1999-09-22	0	0	1	<a href="#">get it</a>
draft	1999-10-18	0	0	2	<a href="#">get it</a>
draft	1999-12-03	0	0	3	<a href="#">get it</a>
draft	1999-12-22	0	0	4	<a href="#">get it</a>
draft	2000-01-17	0	0	5	<a href="#">get it</a>
draft	2000-05-22	2	0	0	<a href="#">get it</a>
draft	2000-05-25	2	0	1	<a href="#">get it</a>
SP-08	2000-06-21	7	0	0	<a href="#">get it</a>
ETSI Publication	2000-11-30	7	0	1	<a href="#">get it</a>

## R97

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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ACTIVE specs R97 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

WG (prime / other): SP / -

rapporteur: MEREDITH, John M

ETSI Secretariat

G: yes U:

MCC:

freeze\_meeting:

remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 6 . 0 . 0

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## TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / GP / NP

rapporteur: CLAYTON, Michael

EMCOM Ltd

G: yes U:

MCC:

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 2001-01-12 6 . 0 . 0

edito 2001-01-16 6 . 0 . 1

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## TR 01.04 Abbreviations and acronyms

WG (prime / other): GP / -

rapporteur: CLAYTON, Michael

EMCOM Ltd

G: yes U:

MCC:

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 2000-11-15 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: MEYER, Juergen  
G: yes U: SIEMENS AG

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 2000-12-01 6 . 0 . 0  
edito 2001-01-16 6 . 0 . 1

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## TR 01.60 GPRS requirements

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
G: yes U: EMCOM Ltd

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

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## TS 01.61

R97  
General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S3 / - rapporteur: WALKER, Michael  
G: yes U: VODAFONE Group Plc

POPE, Maurice

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-03-20 6 . 0 . 1

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R97

02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: CLAYTON, Michael

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
smg-29 1999-06-26 6 . 2 . 0

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: CLAYTON, Michael

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
Editorial correction 1999-02-12 6 . 1 . 1

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: CLAYTON, Michael

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.04 General on Supplementary Services

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul

G: yes U:

MCC:

Research in Motion UK Limited

CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
smg-29 1999-06-25 6 . 1 . 1

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## TS 02.06 Types of Mobile Stations (MS)

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John

G: yes U:

MCC:

VODAFONE Group Plc

CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1999-10-16 6 . 0 . 0  
ETSI publication 1999-05-26 6 . 0 . 1  
smg-28 1999-02-12 6 . 1 . 0  
ETSI publication 1999-08-04 6 . 1 . 1

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## TS 02.07 Mobile Station (MS) Features

R97  
current version: 6.2.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John

G: yes U:

MCC:

VODAFONE Group Plc

CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-20 6 . 1 . 0  
SP-07 2000-03-17 6 . 2 . 0

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.09 Security aspects

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S3 / S1 / NP  
rapporteur: CHRISTOFFERSSON, Per TeliaSonera AB  
G: yes U: POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI publication 1999-05-26 6 . 0 . 1  
smg-31 2000-02-16 6 . 1 . 0  
ETSI publication 2000-08-29 6 . 1 . 1

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## TS 02.11 Service accessibility

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
rapporteur: IBIDUN, Kunle ORANGE SA  
G: yes U: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 6 . 0 . 0  
SP-11 2001-04-02 6 . 1 . 0

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## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R97  
current version: 6.2.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
rapporteur: KOKKOLA, Tommi NOKIA Corporation  
G: yes U: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-30 1999-11-11 6 . 1 . 0  
SP-08 2000-06-28 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series  
 Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R97  
 current version: 6.0.0  
 freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T3 / S1 rapporteur: HOOKER, Philip  
 G: yes U: THOMASEN, Gert

ORANGE PCS LTD  
 remarks - this release:

history (event, available, version, comments, hyperlink):  
 smg-27 1998-10-16 6 . 0 . 0

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## TS 02.22 Stage 1 for personalisation of GSM ME

R97  
 current version: 6.0.0  
 freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / rapporteur: POIRAUD, Patrick  
 G: yes U: CLAYTON, Michael

ALCATEL S.A.  
 remarks - this release:

history (event, available, version, comments, hyperlink):  
 smg-27 1998-10-16 6 . 0 . 0

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## TS 02.24 Description of Charge Advice Information (CAI)

R97  
 current version: 6.0.1  
 freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / rapporteur: DEOL, Amar  
 G: yes U: CLAYTON, Michael

Nortel Networks (USA)  
 remarks - this release:

history (event, available, version, comments, hyperlink):  
 smg-27 1998-10-16 6 . 0 . 0

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Editorial correction 1998-11-16 6 . 0 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 /  
G: yes U: VODAFONE Group Plc

rappporteur: JEAL, David  
MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
edito 1998-06-26 6 . 0 . 1  
smg-28 1999-02-12 6 . 1 . 0

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## TS 02.34 High Speed Circuit Switched Data (HSCSD): Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 /  
G: yes U: NOKIA Corporation

rappporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 02.40 Procedures for Call Progress Indications

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / NP  
G: yes U: Nortel Networks (USA)

rappporteur: DEOL, Amar  
MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.41 Operator Determined Barring

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 /

VODAFONE Group Plc

WATSON, John

rapporteur:

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 /

EMCOM Ltd

CLAYTON, Michael

rapporteur:

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 02.48 Security mechanisms for the SIM Application Toolkit, Stage 1

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general: SMG9->T3@#31

WG (prime / other): T3 / S3

MOTOROLA Ltd

BARNES, Nigel

rapporteur:

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R97 current version: none

freeze\_meeting: smg-26

remarks - general: SMG11->S4 at SMG#30

WG (prime / other): S4 /

rappporteur: NAVARRO, William

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

G: yes U:

remarks - this release: No spec this Release

history (event, available, version, comments, hyperlink):

## TS 02.60 General Packet Radio Service Stage 1 Description

R97 current version: 6.3.1

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -

rappporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0

G: yes U:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 1 . 0

ETSI publication 1998-12-01 6 . 1 . 1

smg-28 1999-02-12 6 . 2 . 0

ETSI publication 1999-08-04 6 . 2 . 1

SP-05 1999-10-14 6 . 3 . 0

ETSI publication 2000-11-28 6 . 3 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: HECHWARTNER, Roland T-Mobile International AG

G: yes U: Clayton, Michael

MCC: Clayton, Michael  
remarks - this release:

[get it](#)

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG

G: yes U: Clayton, Michael

MCC: Clayton, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

ETSI publication 1999-09-01 6 . 0 . 1

smg-29 1999-06-25 6 . 1 . 0

Editorial correction 1999-07-25 6 . 1 . 1

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## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: Clayton, Michael

MCC: Clayton, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-06 6 . 0 . 0

publish EN 300 925 1999-09-01 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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## TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

R97  
current version: 6.6.1

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / - rapporteur: GRECH, Michel  
Lucent Technologies Network Systems UK

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
smg-28 1999-02-12 6 . 2 . 0  
smg-29 1999-06-25 6 . 3 . 0  
SP-05 1999-10-14 6 . 4 . 0  
SP-10 2001-01-12 6 . 5 . 0  
SP-14 2002-01-14 6 . 6 . 0  
SP-14 minor 2002-01-17 6 . 6 . 1  
correction

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.79 Support of Optimal Routing (SOR); Service definition (Stage 1)

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 02.81 Line Identification Supplementary Services; Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
ORANGE SA  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

R97  
WG (prime / other): S1 / -  
G: yes U:

current version: 6.0.0  
freeze\_meeting: smg-26  
EMCOM Ltd

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

R97  
WG (prime / other): S1 / -  
G: yes U:

current version: 6.0.0  
freeze\_meeting: smg-26  
SIEMENS AG

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

R97  
WG (prime / other): S1 / -  
G: yes U:

current version: 6.0.0  
freeze\_meeting: smg-26  
TeliaSonera AB

rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.91 Explicit Call Transfer (ECT)

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
SIEMENS AG  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1

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## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-15 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.96 Name Identification Supplementary Services; Stage 1

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release: #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1

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## R97 03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

### TS 03.01 Network Functions

R97  
current version: 6.1.0  
freeze\_meeting: smg-26  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime / other): S2 / NP  
G: yes U:  
rapporteur: GAASVIK, Per-Ola  
MCC: BOSWARTHICK, David  
COMVIQ GSM AB  
remarks - this release: #27: 6.0.0 #28: 6.1.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TS 03.02** **Network Architecture**  
R97  
current version: 6.1.0  
freeze\_meeting: smg-26

WG (prime / other): S2 / NP / T2 rapporteur: MILINSKI, Alexander-SIEMENS AG  
G: yes U: BOSWARTHICK, David  
MCC: #25: 6.0.0 #26: 6.1.0  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0

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**TS 03.03** **Numbering, Addressing and Identification**

R97  
current version: 6.8.0  
freeze\_meeting: smg-26

WG (prime / other): N4 / T2 rapporteur: RUSSELL, Nick  
G: yes U: KYMALAINEN, Kimmo

MCC: #25: 6.0.0 #26: 6.1.0  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
smg-28 1999-02-12 6 . 2 . 0  
smg-29 1999-06-25 6 . 3 . 0  
NP-05 1999-10-14 6 . 4 . 0  
NP-07 2000-03-17 6 . 5 . 0  
NP-08 2000-06-28 6 . 6 . 0  
NP-16 2002-06-26 6 . 7 . 0 SA did not approve companion CRs to 02.16.  
NP-21 2003-10-09 6 . 8 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.05 Technical performance objectives

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): NP / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 03.07 Restoration Procedures

current version: 6.2.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: Chalmers KYMALAINEN, Kimmo

MCC: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 1 . 0

smg-29 1999-06-25 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.08 Organization of Subscriber Data

current version: 6.6.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur:  
G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
NP-07	2000-03-15	6	.	4	.	0
NP-09	2000-10-31	6	.	5	.	0
NP-20	2003-06-27	6	.	6	.	0

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## TS 03.09 Handover Procedures

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated  
G: yes U: MCC: JURISIC, Andrijana

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N3 / -  
G: yes U: HAN, Seung Don  
rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-18 6 . 0 . 0

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## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: HABERMANN, Steffen  
rapporteur: T-Mobile International AG  
MCC: KYMALAINEN, Kimmo

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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## TS 03.12 Location Registration Procedures

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: KYMALAINEN, Kimmo  
rapporteur: TeliaSonera AB  
MCC: KYMALAINEN, Kimmo

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.  
MCC: USAI, Paolino  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: ZAUS, Robert  
G: yes U: JURISIC, Andrijana  
SIEMENS AG  
MCC: JURISIC, Andrijana  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 03.15 Technical Realization of Operator Determined Barring

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
G: yes U: Chalmers  
VODAFONE LTD  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #26: 6.0.0 SMG#29: 6.1.0

history (event, available, version, comments, hyperlink):  
smg-26 1998-06-26 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.16 Subscriber Data Management

current version: 6.5.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
NP-09	2000-10-13	6	.	5	.	0

## TS 03.18 Basic Call Handling

current version: 6.8.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U:   
rapporteur: PARK, Ian David  
Chalmers  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
NP-05	1999-10-13	6	.	5	.	0
NP-07	2000-03-17	6	.	6	.	0
NP-09	2000-10-04	6	.	7	.	0
NP-22	2004-01-12	6	.	8	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.20 Security-related network functions

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, Sebastien France Telecom  
GP

G: yes U: POPE, Maurice

remarks - this release: #32:6.2.0 - evidently not!

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0

[get it](#)  
[get it](#)

## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: USAI, Paolino

remarks - this release:

remarks - this release:

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
smg-29 1999-06-26 6 . 2 . 0  
SP-11 2001-04-11 6 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: USAI, Paolino

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.30 Radio Network Planning Aspects

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): GP / - rapporteur: TEGTH, Ulf  
G: yes U: USAI, Paolino  
MCC: TeliSonera AB  
remarks - this release: #26: 6.0.0

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 6 . 0 . 0  
Editorial update 1998-07-26 6 . 0 . 1

[get it](#)  
[get it](#)

## TS 03.32 Universal Geographical Area Description (GAD)

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S2 / - rapporteur: BOSWARTHICK, David  
G: yes U: BOSWARTHICK, David  
MCC: ETSI Secretariat  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: JURISIC, Andrijana  
MCC: NOKIA Corporation  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.38 Alphabets and language-specific information

current version: 6.0.1

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: HAN, Seung Don

Research In Motion Limited

remarks - this release: #25: 6.0.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

Editorial correction 1998-04-20 6 . 0 . 1

[get it](#)

[get it](#)

## TS 03.40 Technical realization of the Short Message Service (SMS)

current version: 6.2.0

freeze\_meeting: smg-26

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / other): T2 / - rapporteur: ROEBKE, Matthias

G: yes U: HAN, Seung Don

T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 1 . 0

TP-14 2002-01-11 6 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-CP)

current version: 6.1.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian

G: yes U: HAN, Seung Don

Research In Motion Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.42 R97

### SMS Compression

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
Research In Motion Limited

G: yes U: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TR 03.43 R97

### Support of Videotex

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
Vodafone D2 GmbH

G: yes U: HAN, Seung Don

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TR 03.44 R97

### Support of Teletex in a GSM Public Land Mobile Network (PLMN)

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
Vodafone D2 GmbH

G: yes U: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-10-16 6 . 0 . 1

[get it](#)

[get it](#)

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R97  
current version: 6.2.0  
freeze\_meeting: smg-26  
remarks - general: SMG9->T3@#31

WG (prime / other): T3 / - rapporteur: BARNES, Nigel  
G: yes U: THOMASEN, Gert  
MCC: MOTOROLA Ltd  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
smg-28 1999-02-12 6 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm  
G: yes U: HAN, Seung Don  
MCC: Vodafone D2 GmbH  
remarks - this release:

### remarks - general:

### history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0

[get it](#)  
[get it](#)

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R97  
current version: 6.2.1  
freeze\_meeting: smg-26

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.  
remarks - this release: #27: 6.0.0 #28: 6.1.0 #32:6.2.0

### remarks - general:

### history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
ETSI publication 1999-07-21 6 . 1 . 1  
smg-32 2000-06-20 6 . 2 . 0  
ETSI publication 2000-11-30 6 . 2 . 1

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[get it](#)  
[get it](#)  
[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2

R97 WG (prime / other): N3 / -

freeze\_meeting: smg-26

rappporteur: HAN, Seung Don

MCC: HAN, Seung Don

KT Freetel Co., Ltd.

remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R97 WG (prime / other): S4 / -

freeze\_meeting: smg-26

rappporteur: MONFORT, Jean-Yves

MCC: USAI, Paolino

France Telecom

remarks - this release: #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

Editorial correction 1998-04-20 6 . 0 . 1

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2

current version: 6.11.0  
freeze\_meeting: smg-26

rapporteur: KUCHIBHOTLA, Ravi  
MCC: BOSWARTHICK, David

S2 / -

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
edito	1998-07-28	6	.	1	.	1	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0	<a href="#">get it</a>
ETSI Vote	1999-04-13	6	.	3	.	1	<a href="#">get it</a>
ETSI publication	1999-07-21	6	.	3	.	2	<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0	<a href="#">get it</a>
ETSI publication	1999-12-29	6	.	4	.	1	<a href="#">get it</a>
SP-05	1999-10-13	6	.	5	.	0	<a href="#">get it</a>
SP-06	1999-12-17	6	.	6	.	0	<a href="#">get it</a>
ETSI publication	2000-07-07	6	.	6	.	1	<a href="#">get it</a>
SP-07	2000-03-17	6	.	7	.	0	<a href="#">get it</a>
ETSI publication	2000-09-22	6	.	7	.	1	<a href="#">get it</a>
SP-11	2001-04-19	6	.	8	.	0	<a href="#">get it</a>
SP-12	2001-08-16	6	.	9	.	0	<a href="#">get it</a>
SP-14	2002-01-08	6	.	10	.	0	<a href="#">get it</a>
edito	2002-07-29	6	.	10	.	1	<a href="#">get it</a>
SP-17	2002-10-02	6	.	11	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

WG (prime / other): N1 / -  
G: yes U: rapporteur: JACOBSON, Dieter  
freeze\_meeting: smg-26 MCC: JURISIC, Andrijana  
T-MOBILE DEUTSCHLAND

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime / other): G1 / -  
G: yes U: rapporteur: LEPPISAARI, Aito  
freeze\_meeting: smg-26 MCC: USAI, Paolino  
NOKIA Corporation

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 0 . 1 [get it](#)  
smg-27 1998-10-16 6 . 1 . 0 [get it](#)  
ETSI/OAP 2000-05-27 6 . 1 . 1 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [get it](#)  
smg-29 1999-06-25 6 . 3 . 0 [get it](#)  
smg-30 1999-11-11 6 . 4 . 0 [get it](#)

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## TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

WG (prime / other): N4 / -  
G: yes U: rapporteur: SCHMITT, Peter  
freeze\_meeting: smg-26 MCC: KYMALAINEN, Kimmo  
SIEMENS AG

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
NP-07 2000-03-17 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R97  
current version: 6.4.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G: yes U: JURISIC, Andrijana Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg post SP-07	1998-10-30	6	.	2	.	0
NP-09	2000-10-12	6	.	3	.	0
NP-21	2003-10-10	6	.	4	.	0

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R97  
current version: 6.4.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk  
G: yes U: JURISIC, Andrijana DETECON GMBH

MCC:

remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg post SP-07	2000-03-30	6	.	2	.	0
NP-09	2000-10-12	6	.	3	.	0
NP-21	2003-10-13	6	.	4	.	0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general: N3: "no R99 needed".

WG (prime / other): N3 / -  
G: yes U:  
rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
remarks - this release: #27: 6.0.0

KT Freetel Co., Ltd.

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
[get it](#)

## TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2, Stage 2

R97  
current version: 6.11.1  
freeze\_meeting: smg-26

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: LANTELME, Isabelle  
MCC: KYMALAINEN, Kimmo

ALCATEL S.A.

remarks - general: NP-24: txferred to N4 on closure of N2.

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
ETSI publication 1998-08-27 6 . 1 . 1  
smg-27 1998-10-16 6 . 2 . 0  
smg-28 1999-02-12 6 . 3 . 0  
smg-29 1999-06-25 6 . 4 . 0  
NP-05 1999-10-13 6 . 5 . 0  
NP-07 2000-03-17 6 . 6 . 0  
NP-08 2000-06-23 6 . 7 . 0  
NP-10 2001-01-04 6 . 8 . 0  
NP-12 2001-06-29 6 . 9 . 0  
edito 2001-07-02 6 . 9 . 1  
NP-14 2002-01-04 6 . 10 . 0  
NP-16 2002-06-17 6 . 11 . 0  
Editorial correction 2002-08-21 6 . 11 . 1  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.79 Support of Optimal Routing phase 1; Stage 2

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
Chalmers  
VODAFONE LTD  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0  
NP-05 1999-10-13 6 . 2 . 0  
NP-07 2000-03-17 6 . 3 . 0

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## TS 03.81 Line Identification Supplementary Services; Stage 2

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #27: 6.0.0 #29: 6.1.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R97  
WG (prime / other): N4 / -  
G: yes U:  
current version: 6.0.0  
freeze\_meeting: smg-26  
rapporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo  
NORTEL NETWORKS (EUROPE)  
remarks - general:  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 03.84 Multi Party (MPPTY) Supplementary Services; Stage 2

R97  
WG (prime / other): N4 / -  
G: yes U:  
current version: 6.0.0  
freeze\_meeting: smg-26  
rapporteur: HABERMANN, Steffen  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
remarks - general:  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R97  
WG (prime / other): N4 / -  
G: yes U:  
current version: 6.0.0  
freeze\_meeting: smg-26  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R97 current version: 6.0.1

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich

G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

Editorial correction 1998-11-16 6 . 0 . 1

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich

G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil

G: yes U: MCC: KYMALAINEN, Kimmo

mm02 plc

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -

Gesellschaft für Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 03.93

### Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

current version: 6.2.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -

Gesellschaft für Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 1 . 0

smg-27 1998-10-16 6 . 2 . 0

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## TS 03.96

### Name Identification Supplementary Services; Stage 2

current version: 6.0.1

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -

Gesellschaft für Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

Editorial correction 1998-04-20 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.01** **Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**  
R97 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*remarks - general:*  
G: yes U:  
MCC: JURISIC, Andrijana  
*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0

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**TS 04.02** **GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
R97 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*remarks - general:*  
G: yes U:  
MCC: JURISIC, Andrijana  
*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0

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**TS 04.03** **Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
R97 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*remarks - general:*  
G: yes U:  
MCC: THOMASEN, Gert  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-25 1998-03-20 6 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.04 Layer 1 - General Requirements

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG

G: yes U: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

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## TS 04.05 Data Link (DL) Layer General Aspects

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov THOMASEN, Gert

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

Editorial correction 1998-11-16 6 . 0 . 1

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R97  
current version: 6.2.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov THOMASEN, Gert

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

ETSI publication 1999-09-01 6 . 0 . 1

smg-29 1999-06-25 6 . 1 . 0

ETSI publication 1999-12-14 6 . 1 . 1

smg-31 2000-02-16 6 . 2 . 0

ETSI publication 2000-09-29 6 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97  
current version: 6.5.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew  
G: yes U: JURISIC, Andrijana MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
ETSI publication	1998-12-04	6	.	2	.	1
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
NP-05	1999-10-13	6	.	5	.	0
Editorial correction	1999-11-13	6	.	5	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

current version: 6.21.1

freeze\_meeting: smg-26

WG (prime / other): N1 / G2

rapporteur: HOWELL, Andrew

MOTOROLA Ltd

JURISIC, Andrijana

MCC:

G: yes U: remarks - this release:

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

Thomassen (even numbered CRs)

history (event, available, version, comments, hyperlink):

smg-25	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	<a href="#">get it</a>
edito	1998-09-08	6	.	1	.	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	<a href="#">get it</a>
ETSI publication	1999-04-13	6	.	2	.	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	<a href="#">get it</a>
ETSI publication	1999-08-25	6	.	3	.	<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	<a href="#">get it</a>
edito	1999-07-23	6	.	4	.	<a href="#">get it</a>
ETSI OAP	1999-08-11	6	.	4	.	<a href="#">get it</a>
ETSI publication	1999-12-29	6	.	4	.	<a href="#">get it</a>
NP-05	1999-10-08	6	.	5	.	<a href="#">get it</a>
smg-30b	1999-12-06	6	.	6	.	<a href="#">get it</a>
NP-06	1999-12-15	6	.	7	.	<a href="#">get it</a>
ETSI publication	2000-07-05	6	.	7	.	<a href="#">get it</a>
smg-31	2000-02-16	6	.	8	.	<a href="#">get it</a>
NP-07	2000-03-15	6	.	9	.	<a href="#">get it</a>
ETSI publication	2000-09-29	6	.	9	.	<a href="#">get it</a>
smg-31b	2000-04-17	6	.	10	.	<a href="#">get it</a>
smg-32	2000-06-21	6	.	11	.	<a href="#">get it</a>
GP-01/NP-09	2000-10-12	6	.	12	.	<a href="#">get it</a>
edito	2000-11-02	6	.	12	.	<a href="#">get it</a>
NP-10	2001-01-02	6	.	13	.	<a href="#">get it</a>
GP-04 / NP-11	2001-04-11	6	.	14	.	<a href="#">get it</a>
NP-12	2001-07-05	6	.	15	.	<a href="#">get it</a>
GP-07	2002-01-04	6	.	16	.	<a href="#">get it</a>
NP-14	2002-01-07	6	.	17	.	<a href="#">get it</a>
GP-08	2002-02-19	6	.	18	.	<a href="#">get it</a>
NP-17	2002-09-17	6	.	19	.	<a href="#">get it</a>
NP-18	2002-12-18	6	.	20	.	<a href="#">get it</a>
GP-15	2003-07-10	6	.	21	.	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

edito 2003-09-12 6 . 21 . 1

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R97  
current version: 6.0.1  
freeze\_meeting: smg-26  
WG (prime / other): N4 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
KYMALAINEN, Kimmo

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1

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[get it](#)

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R97  
current version: 6.1.0  
freeze\_meeting: smg-26  
WG (prime / other): N1 / -  
rapporteur: NOBUYUKI, Uda  
JURISIC, Andrijana  
NTT COMMWARE Corporation

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1  
NP-09 2000-10-12 6 . 1 . 0

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## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R97  
current version: 6.0.1  
freeze\_meeting: smg-26  
WG (prime / other): G2 / T2  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.13 Performance Requirements on Mobile Radio Interface

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: DAVES, Peter

G: yes U: JURISIC, Andrijana

VODAFONE LTD

MCC: #27: 6.0.0  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-10-16 6 . 0 . 1

## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R97  
current version: 6.3.1  
freeze\_meeting: smg-26

remarks - general:

MOTOROLA Ltd

WG (prime / other): G2 / - rapporteur: HOWELL, Andrew  
THOMASEN, Gert

G: yes U: MCC: #27: 6.0.0

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-30 1999-11-11 6 . 1 . 0  
smg-32 2000-06-28 6 . 2 . 0  
GP-10 2002-07-19 6 . 3 . 0  
post GP-10 edito 2002-07-23 6 . 3 . 1 Misplaced figure, clause 5.3.1.

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

NOKIA Corporation

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha  
HAN, Seung Don

G: yes U: MCC: #27: 6.0.0

remarks - this release: #27: 6.0.0 TSG#8:6.1.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
NP-08 2000-06-23 6 . 1 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series) ACTIVE specs R97 04 .- series

**TS 04.22** Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services  
R97 current version: Switching Centre (BSS - MSC) interface 6.2.0 N3 /- KLEHN, Norbert  
SIEMENS AG rapporteur:

freeze\_meeting: smg-26

G: yes U: HAN, Seung Don

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26	1998-06-26	6	.	0	.	0
smg-27	1998-10-16	6	.	1	.	0
NP-06	1999-12-17	6	.	2	.	0

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.60** General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

R97  
current version: 6.14.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / -  
rapporteur: HOWELL, Andrew  
MOTOROLA Ltd  
MCC: THOMASEN, Get

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1997-12-20	0	.	0	.	0		<a href="#">get it</a>
draft	1998-03-20	1	.	0	.	0		<a href="#">get it</a>
draft	1998-03-20	2	.	0	.	0		<a href="#">get it</a>
smg-25	1998-03-20	6	.	0	.	0		<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0		<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0		<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0		<a href="#">get it</a>
ETSI publication	1999-06-14	6	.	3	.	1		<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0		<a href="#">get it</a>
ETSI publication	1999-12-16	6	.	4	.	1		<a href="#">get it</a>
smg-30	1999-11-11	6	.	5	.	0		<a href="#">get it</a>
smg-30b	1999-12-06	6	.	6	.	0		<a href="#">get it</a>
ETSI publication	2000-07-05	6	.	6	.	1		<a href="#">get it</a>
smg-31	2000-02-16	6	.	7	.	0		<a href="#">get it</a>
ETSI publication	2000-09-29	6	.	7	.	1		<a href="#">get it</a>
smg-31b	2000-04-17	6	.	8	.	0		<a href="#">get it</a>
ETSI publication	2000-10-17	6	.	8	.	1		<a href="#">get it</a>
smg-32	2000-06-20	6	.	9	.	0		<a href="#">get it</a>
GP-01	2000-10-11	6	.	10	.	0		<a href="#">get it</a>
GP-02	2000-11-27	6	.	11	.	0		<a href="#">get it</a>
GP-03	2001-01-31	6	.	12	.	0		<a href="#">get it</a>
GP-04	2001-05-04	6	.	13	.	0		<a href="#">get it</a>
GP-10	2002-07-19	6	.	14	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97 WG (prime / other): N1 / -

rapporteur: JACOBSON, Dieter

T-MOBILE DEUTSCHLAND

current version: 6.0.0

MCC:

JURISIC, Andrijana

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 04.64

General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R97 current version: 6.10.0

WG (prime / other): N1 / -

rapporteur: DOIG, Ian

MOTOROLA S.A.S

freeze\_meeting: smg-26

MCC:

JURISIC, Andrijana

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

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smg-26 1998-06-26 6 . 1 . 0

[get it](#)

smg-27 1998-10-16 6 . 2 . 0

[get it](#)

smg-28 1999-02-12 6 . 3 . 0

[get it](#)

smg-29 1999-06-25 6 . 4 . 0

[get it](#)

smg-30 1999-11-11 6 . 5 . 0

[get it](#)

NP-06 1999-12-17 6 . 6 . 0

[get it](#)

smg-31 2000-02-16 6 . 7 . 0

[get it](#)

NP-10 2001-01-02 6 . 8 . 0

[get it](#)

NP-13 2001-10-02 6 . 9 . 0

[get it](#)

NP-14 2002-01-04 6 . 10 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCCP)

R97 WG (prime / other): N1 / - rapporteur: DOIG, Ian MOTOROLA S.A.S

freeze\_meeting: smg-26

MCC: JURISIC, Andrijana

remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
smg-30	1999-11-11	6	.	5	.	0
NP-06	1999-12-17	6	.	6	.	0
smg-31	2000-02-16	6	.	7	.	0

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## TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R97 WG (prime / other): N4 / - rapporteur: SCHMITT, Peter SIEMENS AG

freeze\_meeting: smg-26

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6	.	0	.	0
Editorial correction	1998-11-16	6	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.68 Group Call Control (GCC) Protocol

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G: yes U: JURISIC, Andrijana Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6	.	0	.	0
smg-29	1998-06-25	6	.	1	.	0
smg-30	1999-11-11	6	.	2	.	0
NP-07	2000-03-17	6	.	3	.	0

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## TS 04.69 Broadcast Call Control (BCC) protocol

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G: yes U: JURISIC, Andrijana Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6	.	0	.	0
smg-29	1999-06-25	6	.	1	.	0
smg-30	1999-11-11	6	.	2	.	0
NP-07	2000-03-17	6	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

WG (prime / other): N4 / -

current version: 6.1.2

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
smg-28 1999-02-12 6 . 1 . 1  
editorial 2003-10-09 6 . 1 . 2

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## TS 04.81 Line Identification Supplementary Services; Stage 3

WG (prime / other): N4 / -

current version: 6.0.1

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

WG (prime / other): N4 / -

current version: 6.0.1

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

G: yes U:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R97  
WG (prime / other): 6.0.1 / -  
freeze\_meeting: smg-26  
G: yes U:  
remarks - general: [get it](#)  
[get it](#)

SHARP, Iain  
KYMALAINEN, Kimmo  
NORTEL NETWORKS (EUROPE)  
MCC:  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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## TS 04.84 Multi Party (MPPTY) Supplementary Services; Stage 3

R97  
WG (prime / other): 6.0.1 / -  
freeze\_meeting: smg-26  
G: yes U:  
remarks - general: [get it](#)  
[get it](#)

HABERMANN, Steffen  
KYMALAINEN, Kimmo  
T-Mobile International AG  
MCC:  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R97  
WG (prime / other): 6.0.0 / -  
freeze\_meeting: smg-26  
G: yes U:  
remarks - general: [get it](#)  
[get it](#)

WIEHE, Ulrich  
KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
MCC:  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #25: 6.0.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1

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## TS 04.90 Unstructured Supplementary Service Data (USSD)

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R97  
WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: freeze\_meeting: smg-26  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0  
<to be defined> 1998-11-16 6 . 0 . 1

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## TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R97  
WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: freeze\_meeting: smg-26  
remarks - this release: #25: 6.0.0 #26: 6.1.0 #28: 6.1.1

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
smg-28 1999-02-12 6 . 1 . 1

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## TS 04.96 Name Identification Supplementary Services; Stage 3

R97  
WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: freeze\_meeting: smg-26  
remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

R97 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-24 1997-12-19 6 . 0 . 0  
smg-25 1998-03-20 6 . 1 . 0  
ETSI Publication 1998-04-20 6 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 current version: 6.10.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoit

G: yes U: remarks - this release: NOKIA Corporation  
USAI, Paolino

MCC:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6	.	0	.	0
smg-25	1998-03-20	6	.	1	.	0
smg-26	1998-06-26	6	.	2	.	0
smg-27	1998-10-16	6	.	3	.	0
ETSI publication	1999-03-09	6	.	3	.	1
smg-28	1999-02-12	6	.	4	.	0
ETSI publication	1999-08-04	6	.	4	.	1
smg-29	1999-06-25	6	.	5	.	0
smg-30	1999-11-11	6	.	6	.	0
smg-30b	1999-12-06	6	.	7	.	0
ETSI publication	2000-07-17	6	.	7	.	1
smg-31	2000-02-16	6	.	8	.	0
ETSI publication	2000-09-29	6	.	8	.	1
smg-31b	2000-04-17	6	.	9	.	0
ETSI publication	2000-10-17	6	.	9	.	1
edito	2001-05-02	6	.	9	.	2
GP-06	2001-10-01	6	.	10	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.03 R97

### Channel coding

current version: 6.2.1  
freeze\_meeting: smg-26

WG (prime / other): G1 / -

rappporteur: SEBIRE, Benoit  
USAI, Paolino

MCC: NOKIA Corporation

remarks - general:  
U: remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

### history (event, available, version, comments, hyperlink):

smg-24 1997-12-19 6 . 0 . 0  
smg-25 1998-03-20 6 . 1 . 0  
smg-28 1999-02-12 6 . 2 . 0  
ETSI Publication 1999-03-12 6 . 2 . 1

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## TS 05.04 R97

### Modulation

current version: 6.1.1  
freeze\_meeting: smg-26

WG (prime / other): G1 / -

rappporteur: SEBIRE, Benoit  
USAI, Paolino

MCC: NOKIA Corporation

remarks - general:  
U: remarks - this release:

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### history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI publication 1999-02-09 6 . 0 . 1  
smg-30b 1999-12-06 6 . 1 . 0  
ETSI publication 2000-06-20 6 . 1 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

R97 current version: 6.8.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
G: yes U: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6	.	0	.	0
smg-25	1998-03-20	6	.	1	.	0
smg-26	1998-06-26	6	.	2	.	0
smg-27	1998-10-16	6	.	3	.	0
ETSI publication	1999-03-09	6	.	3	.	1
smg-28	1999-02-12	6	.	4	.	0
ETSI publication	1999-06-04	6	.	4	.	1
smg-29	1999-06-25	6	.	5	.	0
ETSI publication	1999-12-14	6	.	5	.	1
smg-30	1999-11-11	6	.	6	.	0
smg-31	2000-02-16	6	.	7	.	0
ETSI publication	2000-09-29	6	.	7	.	1
GP-01	2000-10-09	6	.	8	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio subsystem link control

R97 current version: 6.9.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer  
G: yes U: USAI, Paolino

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6	.	0	.	0	
smg-25	1998-03-20	6	.	1	.	0	
edito	1998-03-20	6	.	1	.	1	
smg-26	1998-06-26	6	.	2	.	0	
smg-27	1998-10-16	6	.	3	.	0	
ETSI publication	1999-03-09	6	.	3	.	1	
smg-28	1999-02-12	6	.	4	.	0	
ETSI publication	1999-08-04	6	.	4	.	1	
smg-29	1999-06-25	6	.	5	.	0	
ETSI publication	1999-12-04	6	.	5	.	1	
smg-30	1999-11-11	6	.	6	.	0	
smg-30b	1999-12-06	6	.	7	.	0	
edito	2000-02-01	6	.	7	.	1	
smg-31b	2000-04-17	6	.	8	.	0	
ETSI publication	GP-01	2000-10-10	6	.	8	.	1
			6	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: USAI, Paolino

NOKIA MOBILE PHONES

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-24 1997-12-19 6 . 0 . 0

smg-25 1998-03-20 6 . 1 . 0

smg-26 1998-06-26 6 . 2 . 0

smg-27 1998-10-16 6 . 3 . 0

ETSI publication 1999-03-09 6 . 3 . 1

smg-28 1999-02-12 6 . 4 . 0

ETSI publication 1999-08-04 6 . 4 . 1

smg-29 1999-06-25 6 . 5 . 0

ETSI publication 1999-12-14 6 . 5 . 1

smg-30 1999-11-11 6 . 6 . 0

ETSI publication 2001-05-29 6 . 6 . 1

GP-02 2000-11-24 6 . 7 . 0

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## TS 05.14 Release independent frequency bands; Implementation guidelines

R97 current version: 6.2.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / G2

G: yes U: KANGAS, Antti

NOKIA Corporation

reporteur: USAI, Paolino

MCC:

Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97 record created at same time (originally was only R99 and R98).

Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97 record created at same time (originally was only R99 and R98).

history (event, available, version, comments, hyperlink):

GP-02 2001-01-05 6 . 0 . 0

GP-05 2002-01-03 6 . 1 . 0

GP-10 2002-07-19 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TR 05.22 Radio link management in hierarchical networks

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: VAN BUSSEL, Han  
MCC: USAI, Paolino  
T-Mobile International AG  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TR 05.50 Background for RF Requirements

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: ANDERSEN, Niels Peter  
MCC: Skov  
USAI, Paolino  
QUALCOMM EUROPE S.A.R.L.  
remarks - this release: #24: 6.0.0 #31:6.1.0

history (event, available, version, comments, hyperlink):  
smg-24 1997-12-19 6 . 0 . 0  
smg-31 2000-02-16 6 . 1 . 0

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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-Instatement.

history (event, available, version, comments, hyperlink):  
smg-27 2001-04-10 6 . 0 . 0  
ETSI publication 2001-11-12 6 . 0 . 1

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# 3GPP specification status

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

R97 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.01 Full Rate Speech Processing Functions

R97 current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: TELECOM ITALIA S.p.A.

MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.02 Half Rate Speech Processing Functions

R97 current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MOTOROLA Ltd

MCC: USAI, Paolino  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R97 current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MOTOROLA Ltd

MCC: USAI, Paolino  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-26  
MCC:  
remarks - this release: #27: 6.0.0

MOTOROLA Ltd

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime / other): S4 / - rapporteur: SALEM, Tarek  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-26  
MCC:  
remarks - this release: #27: 6.0.0

T-MOBILE DEUTSCHLAND

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 06.10 Full Rate Speech Transcoding

WG (prime / other): S4 / - rapporteur: LORENZ, Dietmar  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-26  
MCC:  
remarks - this release:

PHILIPS Semiconductors

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
smg-32 2000-06-20 6 . 1 . 0  
ETSI Publication 2000-11-30 6 . 1 . 1  
SP-12 2001-06-29 6 . 2 . 0

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

WG (prime / other): S4 / - rapporteur: NAVARRO, William  
G: yes U: USAI, Paolino  
MCC:  
remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

WG (prime / other): S4 / - rapporteur: SERENO, Daniele  
G: yes U: USAI, Paolino  
MCC:  
remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1  
SP-12 2001-06-29 6 . 1 . 0

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## TS 06.20 Half Rate Speech Transcoding

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
MCC:  
remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
Editorial correction 1998-11-16 6 . 0 . 1

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

WG (prime / other): S4 / -  
G: yes U: rapporteur: AFTELAK, Steve  
MOTOROLA Ltd  
MCC: USAI, Paolino  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

WG (prime / other): S4 / -  
G: yes U: rapporteur: AFTELAK, Steve  
MOTOROLA Ltd  
MCC: USAI, Paolino  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

WG (prime / other): S4 / -  
G: yes U: rapporteur: USAI, Paolino  
TELECOM ITALIA S.p.A.  
MCC: USAI, Paolino  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.32 Voice Activity Detection (VAD)

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new One

G: yes U: MCC: USAI, Paolino

remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
TELECOM ITALIA S.p.A.

G: yes U: MCC: USAI, Paolino

remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new One

G: yes U: MCC: USAI, Paolino

remarks - this release: #27: 6.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.51 GSM Enhanced full rate speech processing functions: General description

R97  
WG (prime / other): S4 / -  
G: yes U:  
freeze\_meeting: smg-26  
remarks - general:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - this release: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0

### history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI publication 1999-06-04 6 . 0 . 1  
smg-32 2000-06-20 6 . 1 . 0  
ETSI publication 2000-11-30 6 . 1 . 1  
SP-10 2000-12-20 6 . 2 . 0

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## TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec

R97  
WG (prime / other): S4 / -  
G: yes U:  
freeze\_meeting: smg-26  
remarks - general:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R97  
WG (prime / other): S4 / -  
G: yes U:  
freeze\_meeting: smg-26  
remarks - general:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI publication 1999-09-01 6 . 0 . 1  
smg-32 2000-06-20 6 . 1 . 0  
SP-10 2000-12-20 6 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
T-MOBILE DEUTSCHLAND  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 06.60 Enhanced full rate speech transcoding

R97  
current version: 6.0.1  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R97  
current version: 6.0.1  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / -  
G: yes U:

current version: 6.0.1

freeze\_meeting: smg-26

rappporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

ETSI Publication 1999-06-04 6 . 0 . 1

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## TS 06.81 Discontinuous Transmission (DTX) for encanced full rate speech traffic channels

WG (prime / other): S4 / -  
G: yes U:

rappporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release: #27: 6.0.0 #30: 6.1.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

smg-30 1999-11-11 6 . 1 . 0

ETSI Publication 2000-05-09 6 . 1 . 1

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## TS 06.82 Voice Activity Detection (VAD) for encanced full rate speech traffic channels

WG (prime / other): S4 / -  
G: yes U:

rappporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

ETSI Publication 1998-11-16 6 . 0 . 1

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Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TR 06.85** **Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**  
R97 *WG (prime / other):* S4 / - *rappporteur:* USAI, Paolino  
*freeze\_meeting:* smg-26 *MCC:* USAI, Paolino  
*remarks - general:* TELECOM ITALIA S.p.A.  
*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0

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## R97 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01** **General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
R97 *WG (prime / other):* N3 / - *rappporteur:* HUSLENDE, Ragnar  
*freeze\_meeting:* smg-26 *MCC:* HAN, Seung Don  
*remarks - general:* Telefon AB LM Ericsson  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0

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**TS 07.02** **Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R97 *WG (prime / other):* N3 / - *rappporteur:* HUSLENDE, Ragnar  
*freeze\_meeting:* smg-26 *MCC:* HAN, Seung Don  
*remarks - general:* Telefon AB LM Ericsson  
*remarks - this release:* #26: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-26 1998-06-26 6 . 0 . 0

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ACTIVE specs R97 07 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R97  
WG (prime / other): 6.0.0 / -  
freeze\_meeting: smg-26  
G: yes U:  
rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - general: remarks - this release: #26: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-26 1998-06-26 6 . 0 . 0

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97  
WG (prime / other): 6.0.0 / -  
freeze\_meeting: smg-26  
G: yes U:  
rapporteur: HARRIS, Ian  
MCC: HAN, Seung Don  
Research In Motion Limited  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97  
WG (prime / other): 6.5.0 / -  
freeze\_meeting: smg-26  
G: yes U:  
rapporteur: VOTE, Nicola  
MCC: HAN, Seung Don  
NTT DoCoMo Inc.  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
smg-26 1998-06-26 6 . 1 . 0  
smg-27 1998-10-16 6 . 2 . 0  
smg-29 1999-06-25 6 . 3 . 0  
TP-05 1999-10-08 6 . 4 . 0  
TP-11 2001-04-06 6 . 5 . 0

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ACTIVE specs R97 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

current version: 6.5.0  
freeze\_meeting: smg-26

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: HAN, Seung Don

MCC: HAN, Seung Don  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-24	1998-01-19	2	.	0	.	0	.	0
draft	1998-03-10	2	.	2	.	0	.	0
smg-25	1998-03-20	6	.	0	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0	.	0
smg-27	1998-10-16	6	.	2	.	0	.	0
smg-28	1999-02-12	6	.	3	.	0	.	0
TP-05	1999-10-08	6	.	4	.	0	.	0
TP-15	2002-03-26	6	.	5	.	0	.	0

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## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

current version: 6.5.0  
freeze\_meeting: smg-26

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: HAN, Seung Don

MCC: HAN, Seung Don  
remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0	.	0
smg-27	1998-10-16	6	.	2	.	0	.	0
smg-29	1999-06-25	6	.	3	.	0	.	0
NP-05	1999-10-08	6	.	4	.	0	.	0
NP-06	1999-12-15	6	.	5	.	0	.	0

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08 .- series . Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.01 General Aspects on the BSS-MSC Interface

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.06** Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface  
R97 current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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**TS 08.08** Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification  
R97 current version: 6.5.0  
freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-31b 2000-04-17 6 . 5 . 0

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**TS 08.14** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1  
R97 current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC:  
THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

**TS 08.16** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service  
R97 current version: 6.3.0

freeze\_meeting: smg-26

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-28	1999-02-12	6	.	2	.	0
smg-29	1999-06-25	6	.	3	.	0

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**TS 08.18** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol  
R97 current version: 6.8.0

freeze\_meeting: smg-26

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
smg-30	1999-11-11	6	.	5	.	0
smg-31	2000-02-16	6	.	7	.	0
ETSI Publication	2000-03-16	6	.	7	.	1
GP-05	2001-06-18	6	.	8	.	0

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MOTOROLA Ltd

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha  
G: yes U: HAN, Seung Don NOKIA Corporation

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
NP-11 2001-04-04 6 . 1 . 0

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC:

remarks - this release:

Skov  
THOMASEN, Gert

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC:

remarks - this release:

Skov  
THOMASEN, Gert

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
MCC:  
G: yes U:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 08.56 BSC-BTS Layer 2; Specification

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
MCC:  
G: yes U:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
MCC:  
G: yes U:  
remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
smg-29 1999-06-25 6 . 2 . 0  
smg-30 1999-11-11 6 . 3 . 0

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ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R97 *current version:* 6.0.1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*freeze\_meeting:* smg-26

G: yes U: Skov  
MCC: USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

ETSI Publication 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R97 *current version:* 6.0.1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*freeze\_meeting:* smg-26

G: yes U: Skov  
MCC: USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-18 6 . 0 . 0 [get it](#)

ETSI Publication 1998-11-18 6 . 0 . 1 [get it](#)

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R97 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TR 09.01 General Network Interworking Scenarios

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -  
G: yes U: rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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## TS 09.02 Mobile Application Part (MAP) Specification

R97  
current version: 6.14.0  
freeze\_meeting: smg-26

remarks - general: CN->N4 Apr00 (JMM)

WG (prime / other): N4 / -  
G: yes U: rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1988-03-20 6 . 0 . 0  
smg-26 1988-06-26 6 . 1 . 0  
edito 1988-09-09 6 . 1 . 1  
smg-27 1988-10-16 6 . 2 . 0  
smg-28 1999-02-12 6 . 3 . 0  
smg-29 1999-06-25 6 . 4 . 0  
NP-05 1999-10-08 6 . 5 . 0  
NP-06 1999-12-15 6 . 6 . 0  
NP-07 2000-03-15 6 . 7 . 0  
NP-08 2000-06-21 6 . 8 . 0  
NP-09 2000-11-08 6 . 9 . 0  
NP-10 2000-12-21 6 . 10 . 0  
NP-11 2001-04-06 6 . 11 . 0  
NP-15 2002-04-04 6 . 12 . 0  
NP-19 2003-04-07 6 . 13 . 0  
NP-21 2003-10-09 6 . 14 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

**TS 09.03** Signalling Requirements on Interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile  
R97 current version: Network (PLMN) N3 /- HAN, Seung Don KT  
Freetel Co., Ltd. *rapporteur:*

*freeze\_meeting:* smg-26  
*remarks - general:* N3: "no R99 needed".

G: yes U: MCC: HAN, Seung Don  
*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

**TS 09.04** Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)  
R97 current version: 6.0.0 N3 /- HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *rapporteur:*  
*remarks - general:* N3: "no R99 needed". MCC: HAN, Seung Don  
*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

**TS 09.05** Interworking between the PLMN and the PSPDN for PAD Access  
R97 current version: 6.0.0 N3 /- HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *rapporteur:*  
*remarks - general:* N3: "no R99 needed". MCC: HAN, Seung Don  
*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series) ACTIVE specs R97 09 .- series

**TS 09.06** Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services digital Network (PSPDN/ISDN) for Support of Packet R97  
current version: Switched Data Transmission Services N3 /-  
Freetel Co., Ltd. HAN, Seung Don KT

freeze\_meeting: smg-26  
remarks - general: N3: "no R99 needed".

G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

**TS 09.07** General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone R97  
current version: Network (PSTN) N3 /-  
SIEMENS AG BELLING, Thomas

freeze\_meeting: smg-26  
remarks - general:

G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
remarks - this release: #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-29 1999-06-25 6 . 1 . 0 [get it](#)  
NP-06 1999-12-15 6 . 2 . 0 [get it](#)

**TS 09.08** Application of the Base Station System Application Part (BSSAP) on the E-interface R97  
current version: 6.0.0 N1 / -  
freeze\_meeting: smg-26 FARHOUAMAND, Rouzbeh Ericsson Incorporated

remarks - general:

G: yes U: JURISIC, Andrijana  
MCC: JURISIC, Andrijana  
remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.10** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling  
R97 current version: Procedures and the Mobile Application Part (MAP) N4  
TeliaSonera AB /- KYMALAINEN, Kimmo

freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0  
NP-11 2001-04-04 6 . 2 . 0

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**TS 09.11** Signalling Interworking for Supplementary Services

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -

rappporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release: #26: 6.0.0

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 6 . 0 . 0

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**TS 09.13**

Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R97 current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): N4 / -

rappporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification

WG (prime / other): N1 / - rapporteur: DAWES, Peter  
G: yes U: MCC: JURISIC, Andrijana

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)

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## TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

WG (prime / other): N1 / - rapporteur: DAWES, Peter  
G: yes U: MCC: JURISIC, Andrijana

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-02-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)  
smg-29 1999-06-25 6 . 4 . 0 [get it](#)  
NP-05 1999-10-08 6 . 5 . 0 [get it](#)  
NP-07 2000-03-15 6 . 6 . 0 [get it](#)  
NP-14 2002-01-04 6 . 7 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

WG (prime / other): N4 / -

rapporporteur: KYMALAINEN, Kimmo TellaSonera AB

freeze\_meeting: smg-26

MCC: KYMALAINEN, Kimmo

remarks - general:

U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0		<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0		<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0		<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0		<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0		<a href="#">get it</a>
ETSI publication	1999-11-03	6	.	4	.	1		<a href="#">get it</a>
NP-05	1999-10-08	6	.	5	.	0		<a href="#">get it</a>
NP-06	1999-12-15	6	.	6	.	0		<a href="#">get it</a>
ETSI publication	2000-07-05	6	.	6	.	1		<a href="#">get it</a>
NP-07	2000-03-15	6	.	7	.	0		<a href="#">get it</a>
ETSI publication		6	.	7	.	1		
NP-08	2000-06-21	6	.	8	.	0		<a href="#">get it</a>
ETSI publication		6	.	8	.	1		
NP-09	2000-10-31	6	.	9	.	0		<a href="#">get it</a>
NP-11	2001-04-20	6	.	10	.	0		<a href="#">get it</a>
make figures visible	2001-08-09	6	.	10	.	1		<a href="#">get it</a>
NP-13	2001-10-03	6	.	11	.	0		<a href="#">get it</a>
NP-16	2002-06-21	6	.	12	.	0		<a href="#">get it</a>
NP-18	2003-01-07	6	.	13	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)

WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson

freeze\_meeting: smg-26

G: yes U:

remarks - general:

HAN, Seung Don

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0		<a href="#">get it</a>
smg-26		6	.	1	.	0	not issued, w/proc compatibility probs	
smg-26	1998-06-26	6	.	2	.	0		<a href="#">get it</a>
smg-27	1998-10-16	6	.	3	.	0		<a href="#">get it</a>
smg-30	1999-11-11	6	.	4	.	0		<a href="#">get it</a>
NP-13	2001-10-12	6	.	5	.	0		<a href="#">get it</a>
NP-14	2002-01-14	6	.	6	.	0		<a href="#">get it</a>
NP-15	2002-03-20	6	.	7	.	0		<a href="#">get it</a>
NP-16	2002-07-02	6	.	8	.	0		<a href="#">get it</a>
NP-18	2003-01-09	6	.	9	.	0		<a href="#">get it</a>
NP-19	2003-03-27	6	.	10	.	0		<a href="#">get it</a>

## TS 09.78 CAMEL Application Part phase 2 (stage 3)

current version: 6.5.0

freeze\_meeting: smg-26

remarks - general: NP-24: txferred to N4 on closure of N2.

WG (prime / other): N4 / -

rapporteur: NOLDUS, Rogier

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	6	.	0	.	0		<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0		<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0		<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0		<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0		<a href="#">get it</a>
NP-08	2000-06-21	6	.	5	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

WG (prime / other): N1 / -  
freeze\_meeting: smg-24

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U:

MCC: JURISIC, Andrijana

remarks - general: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

history (event, available, version, comments, hyperlink):

smg-27 6 . 0 . 0 withdrawn SMG-30; ; reinstated NP-16

NP-16 2002-06-26 6 . 1 . 0 [get it](#)

edito post NP-18 2002-12-16 6 . 1 . 1 minor editorials to change style from TS to [get it](#) TR.

---

## TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles

WG (prime / other): G1 / -  
freeze\_meeting: GP-04

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
USAI, Paolino

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-20 6 . 0 . 0 [get it](#)

GP-07 2002-01-04 6 . 1 . 0 [get it](#)

GP-08 2002-02-19 6 . 2 . 0 [get it](#)

GP-12 2003-01-03 6 . 3 . 0 [get it](#)

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R97

10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R97  
current version: 6.1.0  
freeze\_meeting: smg-26  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
G: yes U:  
remarks - this release: #28: 6.0.0 TSG#5.6.1.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 6 . 0 . 0  
NP-05 1999-10-08 6 . 1 . 0

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[get it](#)

## R97 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

### TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R97  
current version: 6.4.0  
freeze\_meeting: smg-26  
WG (prime / other): G3new/ S1 / NP / T2 / SCP  
rapporteur: SALMERON, Lidia  
MCC: TELEPLUS LIMITED

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
G: yes U:  
MCC: BAEV, Stoyan  
remarks - this release: #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0  
smg-30 1999-11-11 6 . 2 . 0  
smg-31 2000-02-16 6 . 3 . 0  
Editorial correction 2000-02-16 6 . 3 . 1  
GP-06 2001-09-06 6 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-4** **Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification**  
R97 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-26 G3new

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).  
G: yes U:  
MCC: THOMASEN, Gert  
*remarks - this release:* GP-13: doc becomes pointer to latest Rel version.

*history (event, available, version, comments, hyperlink):*  
GP-13 2003-02-21 6 . 0 . 0 [get it](#)

**TS 11.11** **Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface**  
R97 *current version:* 6.3.0 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-32 MCC: THOMASEN, Gert  
*remarks - general:* G: yes U:  
*remarks - this release:* #32:frozen

*history (event, available, version, comments, hyperlink):*  
smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [get it](#)  
smg-31 2000-02-16 6 . 3 . 0 [get it](#)

**TS 11.14** **Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**  
R97 *current version:* 6.3.0 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* smg-26 MCC: THOMASEN, Gert  
*remarks - general:* G: yes U:  
*remarks - this release:* (smg-31:6.4.0 but CR later withdrawn)

*history (event, available, version, comments, hyperlink):*  
smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R97 WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 6.0.1

freeze\_meeting: smg-26

G: yes U:

remarks - this release: GP-09 (Usai) created to fill the Release gap.

remarks - general:

history (event, available, version, comments, hyperlink):

GP-09 2002-05-06 6 . 0 . 0

edito (correction of 2002-06-18 6 . 0 . 1

version on cover)

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[get it](#)

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R97

12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.05 Subscriber Related Call and Event Data

R97 WG (prime / other): S5 / S1 rapporteur: ALEXANDER, Benni NOKIA Corporation

current version: 6.1.0

freeze\_meeting: smg-26

G: yes U:

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

smg-28 1999-02-12 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.11 Fault management of the Base Station System (BSS)

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S5 / S1 / GP / rapporteur: TOVINGER, Thomas / Telefon AB LM Ericsson  
G: yes U: ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-26 1998-06-26 6 . 0 . 0 [get it](#)  
smg-27 1998-10-16 6 . 1 . 0 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [get it](#)  
smg-29 1999-06-25 6 . 3 . 0 [get it](#)

## TS 12.15 General Packet Radio Service (GPRS): GPRS Charging

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S5 / - / rapporteur: ALEXANDER, Benni / NOKIA Corporation  
G: yes U: ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 1 . 0 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [get it](#)  
SP-18 2003-01-07 6 . 3 . 0 [get it](#)

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general: SP-13: S5->G3 but no change of rapporteur.

WG (prime / other): G1 / S5 / rapporteur: TRUSS, Michael / MOTOROLA Ltd  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
remarks - this release: GP-09 (Usai) created to fill the Release gap.

history (event, available, version, comments, hyperlink):  
GP-09 2002-05-06 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## R96

R96 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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### TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R96 current version: 5.0.0 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: G: yes U: MCC: POPE, Maurice

remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater remarks - this release:  
for backwards extension to earlier releases.

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 5 . 0 . 0 [get it](#)

### TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

R96 current version: 5.0.0 WG (prime / other): S1 / GP / rapporteur: CLAYTON, Michael EMCOM Ltd  
freeze\_meeting: smg-22 G: yes U: MCC: CLAYTON, Michael

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.04 Abbreviations and acronyms

current version: 5.0.2

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): GP / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

G: yes U: MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0

smg-20 1996-10-11 5 . 0 . 1

ETSI publication 2001-10-30 5 . 0 . 2

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## TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study

current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: MEYER, Juergen  
SIEMENS AG

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0

smg-20 1996-11-11 5 . 0 . 1

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R96 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / -

G: yes U:

rapporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

remarks - general:

freeze\_meeting: smg-22

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-20	1996-10-11	5	.	2	.	0
smg-24	1997-12-19	5	.	3	.	0
smg-26	1998-06-26	5	.	4	.	0
smg-29	1999-06-25	5	.	5	.	0

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / -

G: yes U:

Research in Motion UK Limited

rapporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

remarks - general:

rapporteur:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-18	1996-04-12	5	.	1	.	0
smg-20	1996-10-11	5	.	2	.	0
ETSI publication	1997-05-02	5	.	2	.	1
smg-22	1997-06-13	5	.	3	.	0
ETSI OAP	1997-07-21	5	.	3	.	1
ETSI publication	1997-12-31	5	.	3	.	2

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / -

G: yes U:

rapporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	1997-02-02	5	.	0	.	0	
smg-19	1996-06-28	5	.	1	.	0	
smg-20	1996-10-11	5	.	1	.	1	
ETSI publication	1997-05-02	5	.	1	.	2	
smg-21	1997-02-14	5	.	2	.	0	
ETSI publication	1997-08-26	5	.	2	.	1	
smg-22	1997-06-13	5	.	3	.	0	
ETSI OAP	1997-07-21	5	.	3	.	1	
ETSI publication	1998-01-14	5	.	3	.	2	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.04 General on Supplementary Services

R96 current version: 5.7.4  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: Research in Motion UK Limited  
MCC: CLAYTON, Michael

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-14	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
ETSI publication	1997-05-02	5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
ETSI publication	1997-08-28	5	.	5	.	1
smg-22	1997-06-13	5	.	6	.	0
ETSI OAP	1997-09-19	5	.	6	.	1
ETSI publication	1998-02-27	5	.	6	.	2
smg-23	1997-10-17	5	.	7	.	0
smg-25	1998-03-20	5	.	7	.	1
ETSI publication	1998-02-01	5	.	7	.	2
smg-29	1999-06-25	5	.	7	.	3
ETSI publication	1999-12-29	5	.	7	.	4

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.06 Types of Mobile Stations (MS)

current version: 5.2.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John  
G: yes U: VODAFONE Group Plc

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
ETSI publication	1997-08-26	5	.	1	.	1
smg-28	1999-02-12	5	.	2	.	0
ETSI publication	1999-08-04	5	.	2	.	1

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## TS 02.07 Mobile Station (MS) Features

current version: 5.4.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John  
G: yes U: VODAFONE Group Plc

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0
smg-18	1996-04-12	5	.	1	.	0
smg-20	1996-10-11	5	.	2	.	0
ETSI publication	1997-05-02	5	.	2	.	1
smg-22	1997-06-13	5	.	3	.	0
ETSI OAP	1997-07-21	5	.	3	.	1
ETSI publication	1997-12-31	5	.	3	.	2
smg-24	1997-12-19	5	.	4	.	0
ETSI publication	1998-06-17	5	.	4	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.09 Security aspects

R96  
current version: 5.2.1  
freeze\_meeting: smg-22

WG (prime / other): S3 / S1 / NP  
rapporteur: CHRISTOFFERSSON, Per TeliaSonera AB

G: yes U:

POPE, Maurice

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-22	1997-06-13	5	.	1	.	0
edito	1997-12-08	5	.	1	.	1
smg-31	2000-02-16	5	.	2	.	0
ETSI publication	2000-08-29	5	.	2	.	1

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## TS 02.11 Service accessibility

R96  
current version: 5.0.1  
freeze\_meeting: smg-22

WG (prime / other): S1 / -  
rapporteur: IBIDUN, Kunle ORANGE SA

G: yes U:

CLAYTON, Michael

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.16 International Mobile Station Equipment Identities (IMEI)

current version: 5.2.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi

G: yes U: MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-30 1999-11-11 5 . 1 . 0

SP-08 2000-06-23 5 . 2 . 0

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## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): T3 / S1 rapporteur: HOOKER, Philip

G: yes U: MCC: THOMASEN, Gert

ORANGE PCS LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

ETSI publication 1997-05-02 5 . 0 . 1

smg-27 1998-10-16 5 . 1 . 0

ETSI publication 1999-04-08 5 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.22 Stage 1 for personalisation of GSM ME

R96  
current version: 5.4.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / rapporteur: POIRAUD, Patrick  
ALCATEL S.A.

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0
smg-19	1996-06-28	5	.	1	.	0
smg-20	1996-10-11	5	.	2	.	0
smg-23	1997-10-17	5	.	3	.	0
smg-25	1998-03-20	5	.	3	.	1
smg-26	1998-06-26	5	.	4	.	0

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## TS 02.24 Description of Charge Advice Information (CAI)

R96  
current version: 5.0.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / rapporteur: DEOL, Amar  
Nortel Networks (USA)

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1  
freeze\_meeting: smg-22

WG (prime / other): S1 / rapporteur: JEAL, David

G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-12	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	3	.	1
ETSI publication	1997-05-02	5	.	3	.	2
smg-21	1997-02-14	5	.	4	.	0
ETSI publication	1997-08-26	5	.	4	.	1
smg-22	1997-06-13	5	.	5	.	0
ETSI OAP	1997-09-19	5	.	5	.	1
ETSI publication	1998-02-27	5	.	5	.	2
smg-23	1997-10-17	5	.	6	.	0
edito	1998-01-06	5	.	6	.	1
smg-24	1997-12-19	5	.	6	.	2
smg-28	1999-02-12	5	.	7	.	0
ETSI publication	1999-08-04	5	.	7	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96  
current version: 5.2.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 /  
G: yes U: KOKKOLA, Tommi  
CLAYTON, Michael

rapporporteur:  
MCC:

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1995-10-31	0	.	0	.	0
draft	1996-02-13	0	.	1	.	0
draft	1996-06-19	0	.	2	.	0
draft	1996-02-13	0	.	5	.	0
smg-20	1996-10-09	5	.	0	.	0
ETSI publication	1996-11-28	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
smg-22	1997-06-13	5	.	2	.	0
ETSI publication	1997-08-04	5	.	2	.	1

## TS 02.40 Procedures for Call Progress Indications

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / NP  
G: yes U: DEOL, Amar  
CLAYTON, Michael

rapporporteur:  
MCC:

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.41 Operator Determined Barring

R96  
current version: 5.1.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 /

rapporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0  
smg-24 1997-12-19 5 . 1 . 1

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## TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1

R96  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 /

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0  
edito 1996-10-08 5 . 0 . 1  
smg-24 1997-12-19 5 . 1 . 0

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## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -

rapporteur: HECHWARTNER, RolandT-Mobile International AG

G: yes U:

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

S1 / - rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0

smg-19 1996-06-28 5 . 0 . 1

smg-20 1996-10-11 5 . 0 . 2

ETSI publication 1997-06-03 5 . 0 . 3

smg-22 1997-06-13 5 . 0 . 4

edito 1997-12-05 5 . 0 . 5

smg-29 1999-06-25 5 . 1 . 0

ETSI publication 1999-12-29 5 . 1 . 1

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## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 current version: 5.2.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0

smg-17 1996-02-02 5 . 1 . 0

smg-20 1996-10-11 5 . 1 . 1

smg-21 1997-02-14 5 . 1 . 2

smg-22 1997-06-13 5 . 1 . 3

smg-26 1998-06-26 5 . 2 . 0

publish ETS 300 1998-12-01 5 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 current version: 5.2.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - this release: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
smg-21	1997-02-14	5	.	1	.	2
smg-22	1997-06-13	5	.	1	.	3
smg-26	1998-06-26	5	.	2	.	0
ETSI publication	1998-12-01	5	.	2	.	1

## TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

R96 current version: 5.6.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: GRECH, Michel

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

Lucent Technologies Network Systems UK

history (event, available, version, comments, hyperlink):

smg-19	1996-06-28	5	.	0	.	0
smg-20	1996-10-11	5	.	1	.	0
smg-21	1997-02-14	5	.	1	.	1
smg-22	1997-06-13	5	.	2	.	0
smg-23	1997-10-17	5	.	3	.	0
smg-24	1997-12-19	5	.	4	.	0
smg-26	1998-06-26	5	.	5	.	0
smg-28	1999-02-12	5	.	6	.	0

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 02 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.79 Support of Optimal Routing (SOR); Service definition (Stage 1)

R96 current version: 5.2.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -

rapporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release: #19: 5.0.0 #20: 5.1.0 #28: 5.2.0

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0

smg-20 1996-10-11 5 . 1 . 0

smg-28 1999-02-12 5 . 2 . 0

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## TS 02.81 Line Identification Supplementary Services; Stage 1

R96 current version: 5.1.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -

rapporteur: BLOMSTRAND, Ola

MCC: CLAYTON, Michael

TeliaSonera AB

remarks - this release: #20: 5.0.0 #24: 5.1.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-24 1997-12-19 5 . 1 . 0

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R96 current version: 5.0.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -

rapporteur: IBIDUN, Kunle

MCC: CLAYTON, Michael

ORANGE SA

remarks - this release: #16: 5.0.0

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): S1 / - rapporteur: CLAYTON, Michael  
G: yes U: EMCOM Ltd  
MCC: CLAYTON, Michael  
remarks - general: remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): S1 / - rapporteur: SWETINA, Joerg  
G: yes U: SIEMENS AG  
MCC: CLAYTON, Michael  
remarks - general: remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola  
G: yes U: TeliaSonera AB  
MCC: CLAYTON, Michael  
remarks - general: remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96  
current version: 5.1.0  
freeze\_meeting: smg-22  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this release: #20: 5.0.0 #21: 5.1.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.91 Explicit Call Transfer (ECT)

R96 current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: yes U: MCC: CLAYTON, Michael

remarks - this release: #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1

history (event, available, version, comments, hyperlink):

smg-16 1996-10-20 5 . 0 . 0  
smg-17 1996-02-02 5 . 0 . 1  
smg-19 1996-06-28 5 . 1 . 0  
smg-21 1997-02-14 5 . 1 . 1

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## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 current version: 5.2.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: MCC: CLAYTON, Michael

remarks - this release: #16: 5.0.0 #18: 5.1.0 #19: 5.2.0

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-18 1996-04-12 5 . 1 . 0  
smg-19 1996-06-28 5 . 2 . 0

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03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.01

R96

### Network Functions

current version: 5.1.0

freeze\_meeting: smg-22

remarks - general: SMG3->SA2 @ TSG#7

WG (prime / other): S2 / NP

rapporteur: GAASVIK, Per-Ola

MCC: BOSWARTHICK, David

COMVIQ GSM AB

remarks - this release: #17: 5.0.0 #18: 5.1.0

G: yes U:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0

smg-18 1996-04-12 5 . 1 . 0

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## TS 03.02

R96

### Network Architecture

current version: 5.3.0

freeze\_meeting: smg-22

WG (prime / other): S2 / NP / T2

rapporteur: MILINSKI, Alexander

SIEMENS AG

G: yes U:

MCC: BOSWARTHICK, David

remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0

smg-18 1996-04-12 5 . 1 . 0

smg-23 1997-10-17 5 . 2 . 0

smg-24 1997-12-19 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.03 Numbering, Addressing and Identification

R96  
current version: 5.5.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / T2 rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	5	.	0	.	0
ETSI OAP	1996-11-25	5	.	0	1
ETSI publication	1997-05-02	5	.	0	2
smg-25	1998-03-20	5	.	1	0
ETSI publication	1998-10-23	5	.	1	1
smg-29	1999-05-26	5	.	2	0
ETSI publication	1999-11-22	5	.	2	1
NP-07	2000-03-15	5	.	3	0
ETSI publication	2000-11-15	5	.	3	1
NP-08	2000-06-21	5	.	4	0
ETSI publication	2001-01-04	5	.	4	1
NP-21	2003-10-09	5	.	5	0

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## TR 03.05 Technical performance objectives

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): NP / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: BOSWARTHICK, David

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.07 Restoration Procedures

R96  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / - rapporteur: PARK, Ian David  
Chalmers  
KYMALAINEN, Kimmo  
MCC:  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-23 1997-10-17 5 . 1 . 0

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## TS 03.08 Organization of Subscriber Data

R96  
current version: 5.2.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / - rapporteur:  
MCC: KYMALAINEN, Kimmo  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0  
smg-23 1997-10-17 5 . 2 . 0

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## TS 03.09 Handover Procedures

R96  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated  
MCC: JURISIC, Andrijana  
G: yes U: remarks - this release: #18: 5.0.0 #22: 5.1.0

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R96 WG (prime / other): N3 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.

freeze\_meeting: smg-22

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0  
smg-22 1997-06-13 5 . 2 . 0  
smg-23 1997-10-17 5 . 3 . 0  
smg-24 1997-12-19 5 . 4 . 0

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## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R96 WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG

freeze\_meeting: smg-22  
G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI publication 1997-06-03 5 . 0 . 1

[get it](#)  
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## TS 03.12 Location Registration Procedures

R96 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

freeze\_meeting: smg-22  
G: yes U:

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #17: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-17 1996-02-02 5 . 0 . 0

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / -  
G: yes U:  
rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
SIEMENS AG  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 03.15 Technical Realization of Operator Determined Barring

R96  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: PARK, Ian David  
MCC: Chalmers  
VODAFONE LTD  
KYMALAINEN, Kimmo  
remarks - this release: #16: 5.0.0 #21: 5.1.0

history (event, available, version, comments, hyperlink):  
smg-16 1995-10-20 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.16 Subscriber Data Management

R96  
current version: 5.3.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0

history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0
smg-21	1997-02-14	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-26	1998-06-26	5	.	3	.	0

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## TS 03.18 Basic Call Handling

R96  
current version: 5.6.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: PARK, Ian David  
Chalmers  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-21	1997-02-14	5	.	0	.	0
smg-22	1997-06-13	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-24	1997-12-19	5	.	3	.	0
smg-25	1998-03-20	5	.	4	.	0
smg-26	1998-06-26	5	.	5	.	0
smg-27	1998-10-16	5	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.20 Security-related network functions

current version: 5.2.1

freeze\_meeting: smg-22

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, Sebastien / GP France Telecom

G: yes U:

MCC: POPE, Maurice

remarks - general: SMG#29: CRs but postponed, then forgotten!

### history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0		<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0		<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0		<a href="#">get it</a>
smg-29	1999-06-25	5	.	2	.	1		<a href="#">get it</a>

## TS 03.22

### Functions related to Mobile Station (MS) in idle mode and group receive mode

current version: 5.3.1

freeze\_meeting: smg-22

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels Peter / Skov QUALCOMM EUROPE S.A.R.L.  
USAI, Paolino

G: yes U:

MCC:

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows  
"and group receive mode".

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0		<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	0	.	1		<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0		<a href="#">get it</a>
ETSI publication	1997-09-15	5	.	1	.	1		<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0		<a href="#">get it</a>
ETSI publication	1997-12-31	5	.	2	.	1		<a href="#">get it</a>
smg-26	1998-06-26	5	.	3	.	0		<a href="#">get it</a>
ETSI publication	1998-12-10	5	.	3	.	1		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R96  
current version: 5.2.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / NP / NP rapporteur: ANDERSEN, Niels Peter  
Skov  
USAI, Paolino  
G: yes U: MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0  
smg-23 1997-10-17 5 . 2 . 0

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## TR 03.30 Radio Network Planning Aspects

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): GP / - / - rapporteur: TEGTH, Ulf  
USAI, Paolino  
G: yes U: MCC: USAI, Paolino  
remarks - this release: #20: 5.0.0

TeliaSonera AB

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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## TS 03.32 Universal Geographical Area Description (GAD)

R96  
current version: 5.2.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S2 / - / - rapporteur: BOSWARTHICK, David  
BOSWARTHICK, David  
G: yes U: MCC: BOSWARTHICK, David  
remarks - this release:

ETSI Secretariat

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0  
smg-26 1998-06-26 5 . 1 . 0  
smg-27 1998-10-16 5 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 current version: 5.2.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: JURISIC, Andrijana

remarks - this release: #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 5 . 0 . 0

smg-26 1998-06-26 5 . 1 . 0

smg-28 1999-02-12 5 . 2 . 0

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## TS 03.38 Alphabets and language-specific information

R96 current version: 5.6.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: HAN, Seung Don

remarks - this release: #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0

smg-17 1996-02-02 5 . 1 . 0

smg-18 1996-04-12 5 . 2 . 0

smg-19 1996-06-28 5 . 3 . 0

smg-20 1996-10-11 5 . 4 . 0

ETSI publication 5 . 4 . 1

smg-21 1997-02-14 5 . 5 . 0

ETSI publication 5 . 5 . 1

smg-22 1997-06-13 5 . 6 . 0

Editorial correction 1997-07-13 5 . 6 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.40 Technical realization of the Short Message Service (SMS)

R96 current version: 5.8.1

freeze\_meeting: smg-22

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / other): T2 / - rapporteur: ROEBKE, Matthias

G: yes U: MCC: HAN, Seung Don

T-MOBILE DEUTSCHLAND

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-12	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
smg-21	1997-02-14	5	.	5	.	0
smg-22	1997-06-13	5	.	6	.	0
smg-23	1997-10-17	5	.	7	.	0
smg-26	1998-06-26	5	.	8	.	0
Editorial change	1998-07-26	5	.	8	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-SCB)

R96  
current version: 5.9.1  
freeze\_meeting: smg-22

Research In Motion Limited

HARRIS, Ian  
HAN, Seung Don

rappporteur:  
MCC:

T2 / -

WG (prime / other):  
G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-17 1996-02-02 5 . 1 . 0  
smg-18 1996-04-12 5 . 2 . 0  
smg-19 1996-06-28 5 . 3 . 0  
smg-20 1996-10-11 5 . 4 . 0  
ETSI publication 1997-05-02 5 . 4 . 1  
smg-21 1997-02-14 5 . 5 . 0  
ETSI publication 1997-09-15 5 . 5 . 1  
smg-22 1997-06-13 5 . 6 . 0  
ETSI publication 1998-02-02 5 . 6 . 1  
smg-23 1997-10-17 5 . 7 . 0  
smg-24 1997-12-19 5 . 8 . 0  
ETSI publication 1998-06-17 5 . 8 . 1  
smg-25 1998-03-20 5 . 9 . 0  
ETSI publication 1999-02-03 5 . 9 . 1

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## TS 03.42 SMS Compression

R96  
current version: 5.2.0  
freeze\_meeting: smg-22

Research In Motion Limited

HARRIS, Ian  
HAN, Seung Don

rappporteur:  
MCC:

T2 / -

WG (prime / other):  
G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0  
smg-23 1997-10-17 5 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.43 R96

**Support of Videotex**  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: HAN, Seung Don

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TR 03.44 R96

**Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: HAN, Seung Don

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 03.45 R96

**Technical Realization of Facsimile Group 3 Service - transparent**  
current version: 5.2.1  
freeze\_meeting: smg-22

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
ETSI publication 1997-05-02 5 . 0 . 1  
smg-21 1997-02-14 5 . 1 . 0  
ETSI publication 1997-08-26 5 . 1 . 1  
smg-22 1997-06-13 5 . 2 . 0  
ETSI publication 1998-02-02 5 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): N3 / -  
G: yes U:  
rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): T2 / -  
G: yes U:  
rapporteur: RODERMUND, Friedhelm  
MCC: HAN, Seung Don  
Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: 5.7.0  
freeze\_meeting: smg-22

G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0		<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0		<a href="#">get it</a>
smg-19	1996-06-28	5	.	2	.	0		<a href="#">get it</a>
smg-20	1996-10-11	5	.	3	.	0		<a href="#">get it</a>
smg-21	1997-02-14	5	.	4	.	0		<a href="#">get it</a>
smg-22	1997-06-13	5	.	5	.	0		<a href="#">get it</a>
smg-23	1997-10-17	5	.	6	.	0		<a href="#">get it</a>
smg-24	1997-12-19	5	.	7	.	0		<a href="#">get it</a>

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.

G: yes U: USAI, Paolino  
MCC: USAI, Paolino

remarks - this release: #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0		<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1		<a href="#">get it</a>
smg-24	1997-12-19	5	.	0	.	3		<a href="#">get it</a>
smg-25	1998-03-20	5	.	1	.	0		<a href="#">get it</a>
smg-27	1998-10-16	5	.	2	.	0		<a href="#">get it</a>
smg-28	1999-02-12	5	.	3	.	0		<a href="#">get it</a>
smg-32	2000-06-20	5	.	4	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2

R96  
current version: 5.2.0  
freeze\_meeting: smg-22  
WG (prime / other): N3 / -  
G: yes U:  
rapporporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
remarks - general: #23: 5.1.0 #24: 5.2.0  
remarks - this release: #23: 5.1.0 #24: 5.2.0

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 1 . 0  
smg-24 1997-12-19 5 . 2 . 0

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[get it](#)

## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R96  
current version: 5.1.0  
freeze\_meeting: smg-22  
WG (prime / other): N1 / -  
G: yes U:  
rapporporteur: JACOBSOHN, Dieter  
MCC: JURISIC, Andrijana  
T-MOBILE DEUTSCHLAND  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-18 1996-04-12 5 . 1 . 0

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## TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R96  
current version: 5.1.1  
freeze\_meeting: smg-22  
WG (prime / other): N4 / -  
G: yes U:  
rapporporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-20 1996-10-11 5 . 1 . 0  
ETSI publication 1997-06-03 5 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R96  
current version: 5.6.0  
freeze\_meeting: smg-22

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

MCC:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-18	1996-04-12	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
ETSI publication	1997-06-03	5	.	1	.	2
smg-21	1997-02-14	5	.	2	.	0
ETSI publication	1997-08-26	5	.	2	.	1
smg-23	1997-10-17	5	.	3	.	0
ETSI publication	1998-04-07	5	.	3	.	1
smg-24	1997-12-19	5	.	4	.	0
ETSI publication	1998-07-23	5	.	4	.	1
smg-26	1998-06-26	5	.	5	.	1
NP-21	2003-10-13	5	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R96  
current version: 5.6.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk

G: yes U: JURISIC, Andrijana

DETECON GMBH

remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-18 1996-04-12 5 . 1 . 0  
smg-20 1996-10-11 5 . 1 . 1  
ETSI publication 1997-06-03 5 . 1 . 2  
smg-21 1997-02-14 5 . 2 . 0  
ETSI publication 1997-08-26 5 . 2 . 1  
smg-23 1997-10-17 5 . 3 . 0  
ETSI publication 1998-04-07 5 . 3 . 1  
smg-24 1997-12-19 5 . 4 . 0  
ETSI publication 1999-10-23 5 . 4 . 1  
smg-26 1998-06-26 5 . 5 . 0  
ETSI publication 1998-12-10 5 . 5 . 1  
NP-21 2003-10-13 5 . 6 . 0

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general: N3: "no R99 needed".

WG (prime / other): N3 / - rapporteur: HAN, Seung Don

G: yes U: HAN, Seung Don

KT Freetel Co., Ltd.

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

WG (prime / other): N4 / -

G: yes U:

rapporteur: LANTELME, Isabelle

MCC: KYMALAINEN, Kimmo

ALCATEL S.A.

remarks - general: NP-24: txferred to N4 on closure of N2.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-21	1997-02-14	5	.	0	.	0
ETSI publication	1997-04-23	5	.	0	.	1
smg-22	1997-06-13	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-24	1997-12-19	5	.	3	.	0
edito	1998-01-19	5	.	3	.	1
ETSI publication	1998-01-30	5	.	3	.	2
smg-25	1998-03-20	5	.	4	.	0
smg-26	1998-06-26	5	.	5	.	0
smg-27	1998-10-16	5	.	6	.	0
smg-28	1999-02-12	5	.	7	.	0
smg-29	1999-06-25	5	.	8	.	0

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## TS 03.79 Support of Optimal Routing phase 1; Stage 2

WG (prime / other): N4 / -

G: yes U:

rapporteur: PARK, Ian David

MCC: Chalmers

VODAFONE LTD

remarks - this release: #21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0

history (event, available, version, comments, hyperlink):

smg-21	1997-02-14	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-22	1997-06-13	5	.	1	.	0
smg-24	1997-12-19	5	.	2	.	0
smg-25	1998-03-20	5	.	3	.	0
smg-27	1998-10-16	5	.	4	.	0
NP-05	1999-10-08	5	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.81 Line Identification Supplementary Services; Stage 2

R96  
WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - general: #20: 5.0.0 #24: 5.1.0 #26: 5.2.0  
remarks - this release: #20: 5.0.0 #24: 5.1.0 #26: 5.2.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-24 1997-12-19 5 . 1 . 0  
smg-26 1998-06-26 5 . 2 . 0

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R96  
WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - general: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R96  
WG (prime / other): N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - general: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.84 Multi Party (MPTY) Supplementary Services; Stage 2

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U: rapporteur: HABERMANN, Steffen  
KYMALAINEN, Kimmo  
T-Mobile International AG

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U: rapporteur: WIEHE, Ulrich  
KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R96  
current version: 5.0.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U: rapporteur: WIEHE, Ulrich  
KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 2000-11-28 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R96  
WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release: #20: 5.0.0  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

R96  
WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release: #20: 5.0.0  
mm02 plc

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R96  
WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release: #16: 5.0.0 #18: 5.0.1 #19: 5.0.2  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-16 1995-10-20 5 . 0 . 0  
smg-18 1996-04-12 5 . 0 . 1  
smg-19 1996-06-28 5 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

R96 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.01** **Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**  
R96 *WG (prime / other):* N1 / -

*current version:* 5.0.0 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22

*G:* yes *U:* JURISIC, Andrijana  
*remarks - this release:* #20: 5.0.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*  
smg-20 1996-10-11 5 . 0 . 0 [get it](#)

**TS 04.02** **GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
R96 *WG (prime / other):* N1 / -

*current version:* 5.0.0 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22

*G:* yes *U:* JURISIC, Andrijana  
*remarks - this release:* #18: 5.0.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*  
smg-18 1996-04-12 5 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R96 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.3.0

freeze\_meeting: smg-22

Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

smg-21 1997-02-14 5 . 1 . 0

smg-22 1997-06-13 5 . 2 . 0

smg-24 1997-12-19 5 . 3 . 0

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## TS 04.04 Layer 1 - General Requirements

R96 current version: 5.1.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G2 / -

rapporteur: ISAACS, Ken

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

SIEMENS AG

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

ETSI publication 1997-05-02 5 . 0 . 1

smg-24 1997-12-19 5 . 1 . 0

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## TS 04.05 Data Link (DL) Layer General Aspects

R96 current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

QUALCOMM EUROPE S.A.R.L.

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: smg-22

G: yes U:

MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
ETSI publication	1997-09-15	5	.	1	.	1
smg-25	1998-03-20	5	.	2	.	0
ETSI publication	1998-10-23	5	.	2	.	1
smg-29	1999-06-25	5	.	3	.	0
ETSI publication	1999-12-22	5	.	3	.	1
smg-31	2000-02-16	5	.	4	.	0
ETSI Publication	2000-11-28	5	.	4	.	1

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

current version: 5.3.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
ETSI publication	1997-05-05	5	.	1	.	2
smg-21	1997-02-14	5	.	2	.	0
ETSI publication	1997-12-19	5	.	2	.	1
smg-24	1997-12-19	5	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.20.0

freeze\_meeting: smg-22

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomassen (even numbered CRs)

MOTOROLA Ltd

HOWELL, Andrew  
JURISIC, Andrijana

rappporteur:  
MCC:

G2

N1

WG (prime / other):  
G: yes U:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	3	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	1997-05-13	5	.	4	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	5	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	6	.	0	<a href="#">get it</a>
ETSI OAP	1997-09-19	5	.	6	.	2	<a href="#">get it</a>
ETSI publication	1998-02-27	5	.	6	.	3	<a href="#">get it</a>
smg-23	1997-10-17	5	.	7	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	8	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	9	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	9	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	10	.	0	<a href="#">get it</a>
ETSI publication	1998-12-16	5	.	10	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	11	.	0	<a href="#">get it</a>
ETSI publication	1999-03-23	5	.	11	.	1	<a href="#">get it</a>
smg-28	1999-02-12	5	.	12	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	13	.	0	<a href="#">get it</a>
ETSI publication	1999-12-22	5	.	13	.	1	<a href="#">get it</a>
smg-30	1999-11-11	5	.	14	.	0	<a href="#">get it</a>
ETSI publication	2000-05-09	5	.	14	.	1	<a href="#">get it</a>
NP-07	2000-03-15	5	.	15	.	0	<a href="#">get it</a>
ETSI publication	2000-10-05	5	.	15	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	5	.	16	.	0	<a href="#">get it</a>
smg-32	2000-06-20	5	.	17	.	0	<a href="#">get it</a>
GP-01	2000-10-12	5	.	18	.	0	<a href="#">get it</a>
edito	2000-11-02	5	.	18	.	1	<a href="#">get it</a>
NP-18	2002-12-18	5	.	19	.	0	<a href="#">get it</a>
GP-15	2003-07-10	5	.	20	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R96  
current version: 5.0.1  
freeze\_meeting: smg-22

WG (prime / other): N4 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
KYMALAINEN, Kimmo

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 5 . 0 . 0  
edito 1996-10-11 5 . 0 . 1 [get it](#)

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R96  
current version: 5.3.0  
freeze\_meeting: smg-22

WG (prime / other): N1 / -

rapporteur: NOBUYUKI, Uda  
JURISIC, Andrijana  
NTT COMMWARE Corporation

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-17 1996-02-02 5 . 1 . 0  
smg-20 1996-10-11 5 . 1 . 1  
smg-21 1997-02-14 5 . 2 . 0  
ETSI publication 1997-09-15 5 . 2 . 1  
NP-09 2000-10-24 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.12 Short Message Service Cell Broadcast (SMS-BC) Support on the Mobile Radio Interface

R96 WG (prime / other): G2 / T2 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 5.0.2

freeze\_meeting: smg-22

G: yes U:

MCC: THOMASEN, Gert

remarks - this release: #19: 5.0.0 #20: 5.0.1

remarks - general:

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0

smg-20 1996-10-11 5 . 0 . 1

ETSI Publication 2000-11-28 5 . 0 . 2

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## TS 04.13 Performance Requirements on Mobile Radio Interface

R96 WG (prime / other): N1 / - rapporteur: DAVES, Peter VODAFONE LTD

current version: 5.1.1

freeze\_meeting: smg-22

G: yes U:

MCC: JURISIC, Andrijana

remarks - this release: #18: 5.0.0 #20: 5.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

smg-20 1996-10-11 5 . 1 . 0

ETSI Publication 2000-11-28 5 . 1 . 1

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## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R96 WG (prime / other): G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

current version: 5.1.0

freeze\_meeting: smg-22

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 5 . 0 . 0

smg-27 1998-10-16 5 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R96 current version: 5.7.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N3 / -

NOKIA Corporation

rporteur: RÄSÄNEN, Juha  
HAN, Seung Don

MCC:

remarks - this release: #20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0  
TSG#8:5.7.0

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	5	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	6	.	0	<a href="#">get it</a>
NP-08	2000-06-21	5	.	7	.	0	<a href="#">get it</a>

## TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

R96 current version: Switching Centre (BSS - MSC) interface 5.6.1

SIEMENS AG

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N3

rporteur: KLEHN, Norbert

MCC:

HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	4	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	5	.	0	<a href="#">get it</a>
NP-06	1999-12-13	5	.	6	.	0	<a href="#">get it</a>
ETSI publication	2000-07-17	5	.	6	.	1	<a href="#">get it</a>

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R96 current version: 5.0.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / -

rapporteur: JACOBSON, Dieter

MCC: JURISIC, Andrijana

T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

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## TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R96 current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -

rapporteur: SCHMITT, Peter

MCC: KYMALAINEN, Kimmo

SIEMENS AG

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

ETSI Publication 2000-11-28 5 . 0 . 1

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## TS 04.68 Group Call Control (GCC) Protocol

R96 current version: 5.5.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / -

rapporteur: GARAPATY, Sonia

MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

smg-20 1996-10-11 5 . 0 . 1

smg-27 1998-10-16 5 . 1 . 0

smg-28 1999-02-12 5 . 2 . 0

smg-29 1999-06-25 5 . 3 . 0

smg-30 1999-11-11 5 . 4 . 0

NP-07 2000-03-15 5 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.69 Broadcast Call Control (BCC) protocol

R96  
current version: 5.5.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia  
G: yes U: JURISIC, Andrijana Nortel Networks (USA)

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-27 1998-10-16 5 . 1 . 0  
smg-28 1999-02-12 5 . 2 . 0  
smg-29 1999-06-25 5 . 3 . 0  
smg-30 1999-11-11 5 . 4 . 0  
NP-07 2000-03-15 5 . 5 . 0

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R96  
current version: 5.3.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0  
smg-20 1996-10-11 5 . 0 . 1  
smg-24 1997-12-19 5 . 1 . 0  
smg-25 1998-03-20 5 . 2 . 0  
smg-28 1999-02-12 5 . 3 . 0  
ETSI Publication 1999-03-12 5 . 3 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.81 Line Identification Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:   
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general:   
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo  
NORTEL NETWORKS (EUROPE)  
remarks - general:   
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U: rapporteur: HABERMANN, Steffen  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

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[get it](#)

## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U: rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U: rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: #20: 5.0.0 #24: 5.1.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-24 1997-12-19 5 . 1 . 0  
ETSI Publication 1998-01-19 5 . 1 . 1

## TS 04.90 Unstructured Supplementary Service Data (USSD)

R96  
WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R96  
WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: #16: 5.0.0 #17: 5.1.0

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0  
smg-17 1996-02-02 5 . 1 . 0  
ETSI Publication 1996-03-02 5 . 1 . 2

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

R96 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

R96 current version: 5.4.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0
smg-20	1996-10-11	5	.	1	.	0
smg-21	1997-02-14	5	.	2	.	0
smg-22	1997-06-13	5	.	3	.	0
smg-25	1998-03-20	5	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 current version: 5.10.0  
freeze\_meeting: smg-22

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoit  
G: yes U: USAI, Paolino

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0	
smg-19	1996-06-28	5	.	1	.	0	
smg-20	1996-10-11	5	.	2	.	0	
ETSI publication	1997-05-13	5	.	2	.	1	
smg-21	1997-02-14	5	.	3	.	0	
ETSI publication	1997-08-26	5	.	3	.	1	
smg-22	1997-06-13	5	.	4	.	0	
ETSI publication	1997-12-31	5	.	4	.	1	
smg-23	1997-10-17	5	.	5	.	0	
smg-25	1998-03-20	5	.	6	.	0	
ETSI publication	1998-10-23	5	.	6	.	1	
smg-26	1998-06-26	5	.	7	.	0	
ETSI publication	1998-12-10	5	.	7	.	1	
smg-28	1999-02-12	5	.	8	.	0	
ETSI publication	1999-08-04	5	.	8	.	1	
GP-01	2000-10-09	5	.	9	.	0	
GP-06	2001-10-01	5	.	10	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.03

### Channel coding

current version: 5.6.0

freeze\_meeting: smg-22

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoist

USAI, Paolino

MCC: NOKIA Corporation

remarks - general: U:  
remarks - this release: #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0  
GERAN#1:5.6.0

### history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0
smg-18	1996-04-12	5	.	1	.	0
smg-19	1996-06-26	5	.	2	.	0
smg-20	1996-10-11	5	.	2	.	1
ETSI publication	1997-05-12	5	.	2	.	2
smg-21	1997-02-14	5	.	3	.	0
ETSI publication	1997-08-26	5	.	3	.	1
smg-23	1997-10-17	5	.	4	.	0
smg-25	1998-03-20	5	.	5	.	0
ETSI publication	1998-10-23	5	.	5	.	1
GP-01	2000-10-09	5	.	6	.	0

## TS 05.04

### Modulation

current version: 5.1.1

freeze\_meeting: smg-22

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoist

USAI, Paolino

MCC: NOKIA Corporation

remarks - general: U:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-13	5	.	0	.	1
smg-30	1999-11-11	5	.	1	.	0
ETSI Publication	1999-12-11	5	.	1	.	1

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
G: yes U: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	2	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1997-05-13	5	.	3	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	4	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	5	.	0	<a href="#">get it</a>
ETSI publication	1998-02-02	5	.	5	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	6	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	7	.	0	<a href="#">get it</a>
ETSI publication	1998-06-17	5	.	7	.	1	<a href="#">get it</a>
smg-25	1998-03-20	5	.	8	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	8	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	9	.	0	<a href="#">get it</a>
ETSI publication	1998-12-11	5	.	9	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	10	.	0	<a href="#">get it</a>
ETSI publication	1999-03-09	5	.	10	.	1	<a href="#">get it</a>
smg-29	1999-06-25	5	.	11	.	0	<a href="#">get it</a>
ETSI publication	1999-12-22	5	.	11	.	1	<a href="#">get it</a>
smg-30	1999-11-11	5	.	12	.	0	<a href="#">get it</a>
GP-01	2000-10-09	5	.	13	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio subsystem link control

R96 current version: 5.10.0  
freeze\_meeting: smg-22

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer  
G: yes U: USAI, Paolino

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	2	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	3	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	1997-12-31	5	.	4	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	5	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	6	.	0	<a href="#">get it</a>
ETSI publication	1998-06-17	5	.	6	.	1	<a href="#">get it</a>
smg-25	1998-03-20	5	.	7	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	7	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	8	.	0	<a href="#">get it</a>
ETSI publication	1998-12-10	5	.	8	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	9	.	0	<a href="#">get it</a>
ETSI publication	1999-03-09	5	.	9	.	1	<a href="#">get it</a>
GP-01	2000-10-10	5	.	10	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.10 Radio subsystem synchronization

R96  
current version: 5.4.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: JOKINEN, Harri  
MCC: USAI, Paolino  
NOKIA MOBILE PHONES

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0  
smg-20 1996-10-11 5 . 1 . 0  
ETSI publication 1997-06-03 5 . 1 . 1  
smg-23 1997-10-17 5 . 2 . 0  
draft 1999-03-19 5 . 2 . 1  
ETSI publication 1999-08-04 5 . 2 . 2  
GP-01 2000-10-10 5 . 3 . 0  
GP-02 2000-11-24 5 . 4 . 0  
edito 2000-11-30 5 . 4 . 1

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## TR 05.22 Radio link management in hierarchical networks

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: VAN BUSSEL, Han  
MCC: USAI, Paolino  
T-Mobile International AG

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TR 05.50 Background for RF Requirements

R96  
current version: 5.1.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / -  
rapporteur: ANDERSEN, Niels Peter  
Skov  
USAI, Paolino  
MCC:  
remarks - this release: #20: 5.0.0 #21: 5.1.0 #23: 5.1.1

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0  
smg-23 1997-10-17 5 . 1 . 1

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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / -  
rapporteur: USAI, Paolino  
USAI, Paolino  
MCC:  
TELECOM ITALIA S.p.A.  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1998-05-28 5 . 0 . 0 No proper source file available

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R96 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.01 Full Rate Speech Processing Functions

R96 current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino

G: yes U: USAI, Paolino

TELECOM ITALIA S.p.A.

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-23 1997-10-17 5 . 1 . 0

ETSI Publication 1997-11-17 5 . 1 . 1

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## TS 06.02 Half Rate Speech Processing Functions

R96 current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve

G: yes U: USAI, Paolino

MOTOROLA Ltd

MCC:  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

ETSI Publication 1996-11-11 5 . 0 . 1

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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R96 current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve

G: yes U: USAI, Paolino

MOTOROLA Ltd

MCC:  
remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-22 1997-06-13 5 . 1 . 0

smg-23 1997-10-17 5 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

R96  
WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-22 1997-06-13 5 . 1 . 0 [get it](#)  
smg-23 1997-10-17 5 . 2 . 0 [get it](#)  
ETSI Publication 1997-11-17 5 . 2 . 1 [get it](#)

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

R96  
WG (prime / other): S4 / - rapporteur: SALEM, Tarek  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: remarks - this release: #20: 5.0.0

T-MOBILE DEUTSCHLAND

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

## TS 06.10 Full Rate Speech Transcoding

R96  
WG (prime / other): S4 / - rapporteur: LORENZ, Dietmar  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: remarks - this release:

PHILIPS Semiconductors

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-23 1997-10-17 5 . 1 . 0 [get it](#)  
smg-32 2000-06-20 5 . 2 . 0 [get it](#)  
ETSI Publication 2001-01-04 5 . 2 . 1 [get it](#)  
SP-12 2001-06-29 5 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

WG (prime / other): S4 / - rapporteur: NAVARRO, William  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: remarks - this release: #20: 5.0.0 #23: 5.0.1

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
smg-23 1997-10-17 5 . 0 . 1

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

WG (prime / other): S4 / - rapporteur: SERENO, Daniele  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: remarks - this release: #20: 5.0.0

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1  
SP-12 2001-06-29 5 . 1 . 0

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## TS 06.20 Half Rate Speech Transcoding

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: remarks - this release: #20: 5.0.0 #22: 5.1.0

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0  
ETSI Publication 1997-07-13 5 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

WG (prime / other): S4 / -  
G: yes U: rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino

MOTOROLA Ltd

freeze\_meeting: smg-22

remarks - general: #20: 5.0.0  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

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## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

WG (prime / other): S4 / -  
G: yes U: rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino

MOTOROLA Ltd

freeze\_meeting: smg-22

remarks - general: #20: 5.0.0 #22: 5.1.0  
remarks - this release: #20: 5.0.0 #22: 5.1.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

WG (prime / other): S4 / -  
G: yes U: rapporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

freeze\_meeting: smg-22

remarks - general: #20: 5.0.0 #23: 5.0.1  
remarks - this release: #20: 5.0.0 #23: 5.0.1

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-23 1997-10-17 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.32 Voice Activity Detection (VAD)

R96 current version: 5.0.3

freeze\_meeting: smg-22

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new One

G: yes U:

remarks - this release: #20: 5.0.0 #23: 5.0.2

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-23 1997-10-17 5 . 0 . 2

ETSI Publication 1997-11-17 5 . 0 . 3

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## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R96 current version: 5.1.1

freeze\_meeting: smg-22

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
TELECOM ITALIA S.p.A.

MCC: USAI, Paolino

G: yes U:

remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-22 1997-06-13 5 . 0 . 1

smg-23 1997-10-17 5 . 1 . 0

ETSI Publication 1997-11-17 5 . 1 . 1

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## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R96 current version: 5.0.1

freeze\_meeting: smg-22

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new One

MCC: USAI, Paolino

G: yes U:

remarks - this release: #20: 5.0.0 #22: 5.0.1

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-22 1997-06-13 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.51 GSM Enhanced full rate speech processing functions: General description

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari

G: yes U: NOKIA Corporation  
freeze\_meeting: smg-22  
MCC: USAI, Paolino  
remarks - general: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32: 5.2.0 TSG#10:5.3.0  
remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32: 5.2.0 TSG#10:5.3.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-19 1996-06-28 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
ETSI publication 1997-03-28 5 . 1 . 2 [get it](#)  
smg-32 2000-06-20 5 . 2 . 0 [get it](#)  
ETSI publication 5 . 2 . 1  
SP-10 2000-12-20 5 . 3 . 0 [get it](#)

## TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec

WG (prime / other): S4 / -

rapporteur: JÄRVINEN, Kari

G: yes U: NOKIA Corporation  
freeze\_meeting: smg-22  
MCC: USAI, Paolino  
remarks - general: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32: 5.2.0 TSG#10:5.3.0  
remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32: 5.2.0 TSG#10:5.3.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-19 1996-06-28 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
ETSI publication 2000-01-13 5 . 1 . 2 [get it](#)  
smg-23 1997-10-17 5 . 1 . 3 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96  
current version: 5.3.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / -  
G: yes U: JÄRVINEN, Kari  
USAI, Paolino  
rapporteur: NOKIA Corporation  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0  
ETSI publication 1998-02-27 5 . 1 . 1  
smg-32 2000-06-20 5 . 2 . 0  
SP-10 2000-12-20 5 . 3 . 0

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / -  
G: yes U: SALEM, Tarek  
USAI, Paolino  
rapporteur: T-MOBILE DEUTSCHLAND  
MCC:

remarks - this release: #19: 5.0.0

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.60 Enhanced full rate speech transcoding

current version: 5.2.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release: #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0
smg-19	1996-06-28	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
smg-23	1997-10-17	5	.	1	.	3
smg-25	1998-03-20	5	.	2	.	0
ETSI Publication	1998-04-20	5	.	2	.	1

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## TS 06.61

R96 Substitution and muting of lost frames for enhanced full rate speech traffic channels

current version: 5.1.2

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S4 / -

G: yes U:

rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0
smg-19	1996-06-28	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
ETSI Publication	1996-11-11	5	.	1	.	2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari NOKIA Corporation

current version: 5.1.3

MCC: USAI, Paolino

G: yes U:

freeze\_meeting: smg-22

remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-19 1996-06-28 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
ETSI publication 1997-03-28 5 . 1 . 2 [get it](#)  
smg-23 1997-10-17 5 . 1 . 3 [get it](#)

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## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari NOKIA Corporation

current version: 5.2.1

MCC: USAI, Paolino

G: yes U:

freeze\_meeting: smg-22

remarks - general:

remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-19 1996-06-28 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
smg-22 1997-06-13 5 . 1 . 2 [get it](#)  
smg-30 1999-11-11 5 . 2 . 0 [get it](#)  
ETSI Publication 2000-05-09 5 . 2 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R96  
WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari NOKIA Corporation  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3  
remarks - this release: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3

### history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 0 . 2 [get it](#)  
smg-22 1997-06-13 5 . 0 . 3 [get it](#)

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## TR 06.85

R96  
Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation  
WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22  
MCC:  
remarks - general: #26: 5.0.0  
remarks - this release: #26: 5.0.0

### history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 5 . 0 . 0 [get it](#)

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R96 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 current version: 5.9.1

freeze\_meeting: smg-22

WG (prime / other): N3 / -

rapporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	0	.	1
smg-18	1996-04-12	5	.	1	.	1
smg-19	1996-06-28	5	.	2	.	0
smg-20	1996-10-11	5	.	3	.	0
smg-21	1997-02-14	5	.	4	.	0
smg-22	1997-06-13	5	.	5	.	0
smg-23	1997-10-17	5	.	6	.	0
smg-24	1997-12-19	5	.	7	.	0
smg-25	1998-03-20	5	.	8	.	0
smg-28	1999-02-12	5	.	9	.	0
ETSI Publication	1999-03-12	5	.	9	.	1

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 current version: 5.5.1

freeze\_meeting: smg-22

WG (prime / other): N3 / -

rapporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general:

remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0
smg-18	1996-04-12	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
smg-21	1997-02-14	5	.	2	.	0
smg-22	1997-06-13	5	.	3	.	0
smg-23	1997-10-17	5	.	4	.	0
smg-24	1997-12-19	5	.	5	.	0
ETSI Publication	1998-01-19	5	.	5	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 07 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96  
WG (prime / other): N3 / -  
G: yes U:  
current version: 5.4.1  
freeze\_meeting: smg-22  
rapporteur: HUSLENDE, Ragnar Telephone AB LM Ericsson  
MCC: HAN, Seung Don  
remarks - general: #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0  
remarks - this release: #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0

### history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0
smg-20	1996-10-11	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
smg-22	1997-06-13	5	.	2	.	0
smg-23	1997-10-17	5	.	3	.	0
smg-24	1997-12-19	5	.	4	.	0
ETSI Publication	1998-01-19	5	.	4	.	1

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96  
WG (prime / other): T2 / -  
G: yes U:  
current version: 5.5.0  
freeze\_meeting: smg-22  
rapporteur: HARRIS, Ian Research In Motion Limited  
MCC: HAN, Seung Don  
remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-19	1996-06-28	5	.	0	.	0
smg-20	1996-10-11	5	.	1	.	0
smg-21	1997-02-14	5	.	2	.	0
smg-22	1997-06-13	5	.	3	.	0
smg-23	1997-10-17	5	.	4	.	0
smg-24	1997-12-19	5	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 07 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96  
current version: 5.9.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): T2 / - rapporteur: VOTE, Nicola

G: yes U: HAN, Seung Don

NTT DoCoMo Inc.

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-19	1996-06-28	5	.	0	.	0
smg-20	1996-10-11	5	.	1	.	0
smg-21	1997-02-14	5	.	2	.	0
smg-22	1997-06-13	5	.	3	.	0
smg-23	1997-10-17	5	.	4	.	0
smg-24	1997-12-19	5	.	5	.	0
smg-25	1998-03-20	5	.	6	.	0
smg-26	1998-06-26	5	.	7	.	0
smg-27	1998-10-16	5	.	8	.	0
smg-29	1999-06-25	5	.	9	.	0
ETSI Publication	1999-07-25	5	.	9	.	1

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## TS 07.08 GSM Application Programming Interface

R96  
current version: 5.2.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: HAN, Seung Don

MCC:

remarks - this release: #20: 5.0.0 #21: 5.1.0 #24: 5.2.0

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
smg-21	1997-02-14	5	.	1	.	0
smg-24	1997-12-19	5	.	2	.	0
ETSI Publication	1998-01-19	5	.	2	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R96  
current version: 5.1.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / other): N3 / -  
rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
G: yes U:  
remarks - this release: #24: 5.1.0  
KT Freetel Co., Ltd.

history (event, available, version, comments, hyperlink):  
smg-24 1997-12-19 5 . 1 . 0

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## R96 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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### TS 08.01 General Aspects on the BSS-MSC Interface

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
Skov  
G: yes U:  
MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96  
current version: 5.1.0  
freeze\_meeting: smg-22  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R96  
current version: 5.3.0  
freeze\_meeting: smg-22  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0  
smg-18 1996-04-12 5 . 1 . 0  
smg-25 1998-03-20 5 . 2 . 0  
smg-28 1999-02-12 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R96  
current version: 5.12.0  
freeze\_meeting: smg-22  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter Skov  
QUALCOMM EUROPE S.A.R.L.  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18		5 . 2 . 0	
smg-19		5 . 3 . 0	
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
smg-23		5 . 7 . 0	
smg-24		5 . 8 . 0	
smg-25		5 . 9 . 0	
smg-28	1998-06-29	5 . 10 . 0	<a href="#">get it</a>
smg-29	1999-06-25	5 . 11 . 0	<a href="#">get it</a>
smg-31b	2000-04-17	5 . 12 . 0	<a href="#">get it</a>

## TS 08.18

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
WG (prime / other): G2 / -  
rapporteur: BLACK, Jyoti  
THOMASEN, Gert  
MOTOROLA Ltd

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	5 . 0 . 0	withdrawn smg-25
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / other): N3 / -

rapporteur: RÄSÄNEN, Juha

G: yes U:

MCC: HAN, Seung Don

NOKIA Corporation

remarks - general: freeze\_meeting: smg-22  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
smg-21	1997-02-14	5	.	1	.	0
smg-22	1997-06-13	5	.	2	.	0
smg-24	1997-12-19	5	.	3	.	0
NP-11	2001-04-04	5	.	4	.	0

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter

G: yes U:

MCC: Skov

THOMASEN, Gert

remarks - general: freeze\_meeting: smg-22  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter

G: yes U:

MCC: Skov

THOMASEN, Gert

remarks - general: freeze\_meeting: smg-22  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: THOMASEN, Gert

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0

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## TS 08.56 BSC-BTS Layer 2; Specification

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: THOMASEN, Gert

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification R96 WG (prime / other): G2 / -

current version: 5.10.0  
freeze\_meeting: smg-22

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U:

MCC: THOMASEN, Gert

remarks - general: #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	0	0	
smg-17	1996-02-02	5	1	0	<a href="#">get it</a>
smg-19	1996-06-28	5	2	0	<a href="#">get it</a>
smg-21	1997-02-14	5	3	0	<a href="#">get it</a>
smg-22	1997-06-13	5	4	0	<a href="#">get it</a>
smg-23	1997-10-17	5	5	0	<a href="#">get it</a>
smg-24	1997-12-19	5	6	0	<a href="#">get it</a>
smg-25	1998-03-20	5	7	0	<a href="#">get it</a>
smg-26	1998-06-26	5	8	0	<a href="#">get it</a>
smg-29	1999-06-25	5	9	0	<a href="#">get it</a>
smg-30	1999-11-11	5	10	0	<a href="#">get it</a>

## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R96 current version: 5.1.1

freeze\_meeting: smg-22

WG (prime / other): G1 / -

G: yes U:

MCC: USAI, Paolino

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -

> G1.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	0	0	<a href="#">get it</a>
smg-19	1996-06-28	5	0	1	<a href="#">get it</a>
smg-20	1996-10-11	5	0	2	<a href="#">get it</a>
smg-22	1997-06-13	5	1	0	<a href="#">get it</a>
ETSI Publication	1997-07-13	5	1	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R96 / NP / rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
WG (prime / other): G1 / NP Skov  
freeze\_meeting: smg-22 USAI, Paolino  
MCC:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release:  
> G1.

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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## R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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### TR 09.01 General Network Interworking Scenarios

R96 / - / rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
WG (prime / other): N4 / - KYMALAINEN, Kimmo  
freeze\_meeting: smg-22 MCC:

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R96  
current version: 5.19.0  
freeze\_meeting: smg-22  
remarks - general: CN->N4 Apr00 (JMM)

WG (prime / other): N4 / -  
G: yes U:

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 2 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 3 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1997-06-03	5 . 4 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
edito	1997-05-23	5 . 5 . 1	<a href="#">get it</a>
ETSI publication	1997-11-05	5 . 5 . 2	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
ETSI publication	1998-02-02	5 . 6 . 1	<a href="#">get it</a>
smg-23	1997-10-17	5 . 7 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 8 . 0	<a href="#">get it</a>
ETSI publication	1998-07-23	5 . 8 . 1	<a href="#">get it</a>
smg-25	1998-03-20	5 . 9 . 0	<a href="#">get it</a>
ETSI publication	1999-03-09	5 . 9 . 1	<a href="#">get it</a>
smg-26	1998-06-26	5 . 10 . 0	<a href="#">get it</a>
ETSI publication	1999-09-05	5 . 10 . 1	<a href="#">get it</a>
smg-27	1998-10-16	5 . 11 . 0	<a href="#">get it</a>
ETSI publication	1999-03-23	5 . 11 . 1	<a href="#">get it</a>
smg-28	1999-02-12	5 . 12 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	5 . 12 . 1	<a href="#">get it</a>
smg-29	1999-06-25	5 . 13 . 0	<a href="#">get it</a>
ETSI publication	1999-12-29	5 . 13 . 1	<a href="#">get it</a>
NP-05	1999-10-08	5 . 14 . 0	<a href="#">get it</a>
ETSI publication	2000-05-09	5 . 14 . 1	<a href="#">get it</a>
NP-06	1999-12-15	5 . 15 . 0	<a href="#">get it</a>
NP-09	2000-11-13	5 . 16 . 0	<a href="#">get it</a>
NP-15	2002-04-04	5 . 17 . 0	<a href="#">get it</a>
include SDLs	2002-07-22	5 . 17 . 1	<a href="#">get it</a>
NP-19	2003-04-04	5 . 18 . 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

NP-21 2003-10-09 5 . 19 . 0

[get it](#)

**TS 09.03** Signalling Requirements on Interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile  
R96 current version: Network (PLMN) WG (prime / other): N3 /- rapporteur: HAN, Seung Don KT  
Freetel Co., Ltd.

freeze\_meeting: smg-22  
remarks - general: N3: "no R99 needed".

G: yes U: MCC: HAN, Seung Don  
remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

**TS 09.04** Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)  
R96 current version: 5.0.0 WG (prime / other): N3 /- rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
freeze\_meeting: smg-22 G: yes U: MCC: HAN, Seung Don  
remarks - general: N3: "no R99 needed". remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

**TS 09.05** Interworking between the PLMN and the PSPDN for PAD Access  
R96 current version: 5.0.0 WG (prime / other): N3 /- rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
freeze\_meeting: smg-22 G: yes U: MCC: HAN, Seung Don  
remarks - general: N3: "no R99 needed". remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series) ACTIVE specs R96 09 .- series

**TS 09.06** Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet R96  
current version: Switched Data Transmission Services N3 HAN, Seung Don KT  
Freetel Co., Ltd. /- rapporteur:

freeze\_meeting: smg-22  
remarks - general: N3: "no R99 needed".

G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #19: 5.0.0 #20: 5.0.1

history (event, available, version, comments, hyperlink):  
smg-19 1996-06-28 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 0 . 1 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 2 [get it](#)

**TS 09.07** General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone R96  
current version: Network (PSTN) N3 BELLING, Thomas  
SIEMENS AG /- rapporteur:

freeze\_meeting: smg-22  
remarks - general:

G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0

history (event, available, version, comments, hyperlink):  
smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-17 1996-02-02 5 . 0 . 1 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-19 1996-06-28 5 . 2 . 0 [get it](#)  
smg-20 1996-10-11 5 . 2 . 1 [get it](#)  
smg-21 1997-02-14 5 . 3 . 0 [get it](#)  
smg-22 1997-06-13 5 . 4 . 0 [get it](#)  
smg-23 1997-10-17 5 . 5 . 0 [get it](#)  
smg-24 1997-12-19 5 . 6 . 0 [get it](#)  
smg-25 1998-03-20 5 . 7 . 0 [get it](#)  
smg-27 1998-10-16 5 . 8 . 0 [get it](#)  
smg-28 1999-02-12 5 . 9 . 0 [get it](#)  
NP-06 1999-12-15 5 . 10 . 0 [get it](#)  
ETSI Publication 2000-07-05 5 . 10 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R96 WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

current version: 5.1.0

freeze\_meeting: smg-22

G: yes U:

MCC: JURISIC, Andrijana

remarks - this release: #20: 5.0.0 #21: 5.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-21 1997-02-14 5 . 1 . 0

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## TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

R96 current version: Procedures and the Mobile Application Part (MAP) 5.2.0WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

TeliaSonera AB

freeze\_meeting: smg-22

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0

smg-18 1996-04-12 5 . 1 . 0

smg-23 1997-10-17 5 . 2 . 0

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## TS 09.11 Signalling Interworking for Supplementary Services

R96 WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

current version: 5.1.0

freeze\_meeting: smg-22

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release: #18: 5.0.0 #19: 5.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

smg-19 1996-06-28 5 . 1 . 0

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ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.78 CAMEL Application Part phase 2 (stage 3)

R96 current version: 5.7.0

freeze\_meeting: smg-22

remarks - general: NP-24: txferred to N4 on closure of N2.

WG (prime / other): N4 / - rapporteur: NOLDUS Rogier Telefon AB LM Ericsson

G: yes U: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-21	2000-02-14	5	.	0	.	0
smg-22	1997-06-13	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-24	1997-12-19	5	.	3	.	0
smg-25	1998-03-20	5	.	4	.	0
smg-26	1998-06-26	5	.	5	.	0
smg-28	1999-02-12	5	.	6	.	0
smg-29	1999-06-25	5	.	7	.	0

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## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R96 current version: 5.1.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17?	1996-02-02	5	.	0	.	0
smg-22	2001-01-02	5	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

WG (prime / other): N1 / -  
freeze\_meeting: smg-21

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

MCC: JURISIC, Andrijana

remarks - general: G: yes U:   
remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	withdrawn SMG-30; reinstated NP-16	<a href="#">get it</a>
NP-16	2002-06-26	5	.	1	.	0		<a href="#">get it</a>
edito post NP-18	2002-12-16	5	.	1	.	1	minor editorials to change style from TS to <a href="#">get it</a> TR.	

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R96

10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TS 10.00 Digital Cellular Telecommunication System Feature Description

WG (prime / other): S2 / -  
freeze\_meeting: smg-22

rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
BOSWARTHICK, David

remarks - general: U:   
remarks - this release: Jun00: version we have is actually 5.1.2 !

history (event, available, version, comments, hyperlink):

smg-19	5	.	0	.	0		
smg-19	5	.	1	.	0		
edito	5	.	1	.	2		
smg-20	5	.	2	.	0		
Editorial correction	1996-11-11	5	.	2	.	1	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 10 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96  
current version: 5.1.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / other): N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0

### history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 1 . 0 . 0  
smg-25 1998-03-20 1 . 1 . 0  
smg-25 1998-03-20 5 . 0 . 0  
smg-28 1999-02-12 5 . 1 . 0

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## TR 10.14 System overview for 14.4 kbit/s Work Item

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general: still alive? June-2001.no. So no propagation to later releases.  
WG (prime / other): S2 / -  
rapporteur: BOSWARTHICK, David  
MCC: BOSWARTHICK, David  
ETSI Secretariat  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-22 1997-06-18 1 . 0 . 0  
smg-22 1997-07-23 1 . 0 . 1  
smg-22 2 . 0 . 0  
smg-22 5 . 0 . 0

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## TR 10.20 Lawful Interception requirements for GSM

R96  
current version: 5.0.1  
freeze\_meeting: smg-22  
remarks - general: Replaced by 01.33.  
WG (prime / other): S3 / -  
rapporteur: MCKIBBEN, Bernie  
MCC: POPE, Maurice  
MOTOROLA GmbH  
remarks - this release: SMG#20:5.0.0

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI publication 1997-01-20 5 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

R96 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-1** Mobile station (MS) conformance specification; Part 1: Conformance specification  
R96 current version: 5.12.2  
freeze\_meeting: smg-22

G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
G: yes U: BAEV, Stoyan  
MCC: #31bis: closed (R99 version serves all releases)  
remarks - this release: #31bis: closed (R99 version serves all releases)

## history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	5	.	0	<a href="#">get it</a>
smg-26	1998-06-06	5	.	6	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	7	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	8	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	9	.	0	<a href="#">get it</a>
smg-30	1999-11-11	5	.	10	.	0	<a href="#">get it</a>
smg-31	2000-02-16	5	.	11	.	0	<a href="#">get it</a>
Editorial correction	2000-02-16	5	.	11	.	1	<a href="#">get it</a>
GP-06	2001-09-06	5	.	12	.	0	<a href="#">get it</a>
Editorial correction	2002-08-01	5	.	12	.	1	<a href="#">get it</a>
Editorial correction	2002-08-02	5	.	12	.	2	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs R96 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96  
WG (prime / other): G3new/ S1 / NP / T2 / SCP  
freeze\_meeting: smg-22  
rapporporteur: SALMERON, Lidia  
TELEPLUS LIMITED

G: yes U:

MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5.

remarks - this release: #32:closed GP-06: Rel-4 serves all releases. But this version still exists!

history (event, available, version, comments, hyperlink):

smg-30	1999-11-11	5	.	0	.	0
smg-18	1996-04-12	5	.	0	.	0
ETSI publication	2000-06-23	5	.	0	.	1
GP-06	2001-09-06	5	.	1	.	0

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## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96  
WG (prime / other): T3 / G2, G3new  
freeze\_meeting: smg-22  
rapporporteur: SALMERON, Lidia  
TELEPLUS LIMITED

G: yes U:

MCC: THOMASEN, Gert

remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).

remarks - this release: GP-13: doc becomes pointer to latest Rel version.

history (event, available, version, comments, hyperlink):

smg-30	1999-11-11	5	.	0	.	0
smg-31	2000-02-16	5	.	1	.	0
editorial	2000-09-15	5	.	1	.	1
GP-02	2000-11-30	5	.	2	.	0
GP-04	2001-03-29	5	.	3	.	0
GP-04	2001-04-11	5	.	3	.	0
GP-06	2001-08-31	5	.	4	.	0
GP-07	2002-01-09	5	.	5	.	0
GP-13	2003-02-21	5	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96  
current version: 5.10.1  
freeze\_meeting: smg-22

WG (prime / other): T3 / -

rapporteur: GUTHERY, Scott B.  
THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0	
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	3	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	4	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	5	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	6	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	7	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	8	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	9	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	10	.	0	<a href="#">get it</a>
Editorial correction	1998-06-26	5	.	10	.	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

R96 current version: 5.9.0

freeze\_meeting: smg-27

remarks - general:

WG (prime / other): T3 / -

rappporteur: DUBOIS, Christophe

MCC: THOMASEN, Gert

Server location: Axalto S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0
smg-19	1996-06-28	5	.	1	.	0
smg-20	1996-10-11	5	.	2	.	0
smg-21	1997-02-14	5	.	3	.	0
smg-22	1997-06-13	5	.	4	.	0
smg-23	1997-10-17	5	.	5	.	0
smg-24	1997-12-19	5	.	6	.	0
smg-25	1998-03-20	5	.	7	.	0
smg-26	1998-06-26	5	.	8	.	0
smg-27	1998-10-16	5	.	9	.	0

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R96 current version: 5.2.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): G1 / -

rappporteur:

ANDERSEN, Niels Peter

Skov

USAI, Paolino

MCC:

G: yes

U:

remarks - this release:

history (event, available, version, comments, hyperlink):

<to be defined>		5	.	0	.	0
smg-25	1998-03-20	5	.	1	.	0
smg-26	1998-06-26	5	.	2	.	0
Editorial correction	1998-06-26	5	.	2	.	1

R96

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration

WG (prime / other):

G: yes U:

S5 / S1

rappporteur:

TRUSS, Michael

MOTOROLA Ltd

MCC:

ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 5 . 0 . 0

Editorial correction 1997-07-13 5 . 0 . 1

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## TS 12.05 Subscriber Related Call and Event Data

R96 current version: 5.0.1

freeze\_meeting: smg-22

WG (prime / other):

G: yes U:

S5 / S1

rappporteur:

ALEXANDER, Benni

NOKIA Corporation

MCC:

ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0

Editorial correction 1997-10-17 5 . 0 . 1

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## TS 12.08 Subscriber and Equipment trace

R96 current version: 5.1.1

freeze\_meeting: smg-22

WG (prime / other):

G: yes U:

S5 / NP

rappporteur:

RONKA, Kari

NOKIA Corporation

MCC:

ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0

smg-25 1998-03-20 5 . 1 . 0

Editorial correction 1998-03-20 5 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general: SP-13; S5->G3 but no change of rapporteur.

WG (prime / other): G1 / S5  
G: yes U:  
rapporteur: TRUSS, Michael  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-21 1997-02-14 5 . 0 . 0

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## Ph2

### Ph2 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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#### TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph2  
current version: 4.0.0  
freeze\_meeting:  
remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

WG (prime / other): SP / -  
G: yes U:  
rapporteur: MEREDITH, John M  
MCC: POPE, Maurice  
ETSI Secretariat

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-20 2003-06-25 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / GP / rapporteur: CLAYTON, Michael EMCOM Ltd

current version: 4.0.2  
freeze\_meeting: smg-11b

NP

MCC: CLAYTON, Michael

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-08 1993-10-01 4 . 0 . 2

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## TR 01.04 Abbreviations and acronyms

current version: 4.1.2

freeze\_meeting: smg-11b

WG (prime / other): GP / - rapporteur: CLAYTON, Michael EMCOM Ltd

USAI, Paolino

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 1  
smg-09 1994-01-21 4 . 0 . 3  
smg-10 1994-04-15 4 . 0 . 4  
smg-11 1994-07-01 4 . 1 . 0  
smg-12 1994-10-07 4 . 1 . 1  
smg-14 1994-04-07 4 . 1 . 2

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Ph2

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / -

rapporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	2	.	1
smg-08	1993-10-01	4	.	3	.	0
smg-10	1994-04-15	4	.	4	.	0
smg-11	1994-07-01	4	.	4	.	1
smg-12	1994-10-07	4	.	5	.	0
smg-15	1995-07-07	4	.	6	.	0

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / -

rapporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	1
smg-08	1993-10-01	4	.	2	.	0
PT12 final draft	1994-05-09	4	.	2	.	1
ETSI publication	1998-06-10	4	.	2	.	2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.03 Tele-services Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: CLAYTON, Michael

freeze\_meeting: smg-11b

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 2  
smg-11 1994-07-01 4 . 3 . 0  
ETSI publication 1996-01-19 4 . 3 . 1

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## TS 02.04 General on Supplementary Services

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: CLAYTON, Michael

freeze\_meeting: smg-11b

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 5 . 1  
smg-08 1993-10-01 4 . 6 . 0  
smg-10 1994-04-15 4 . 7 . 0  
smg-12 1994-10-07 4 . 8 . 0  
smg-15 1995-07-07 4 . 9 . 0  
smg-16 1995-10-20 4 . 9 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.06 Types of Mobile Stations (MS)

Ph2  
current version: 4.5.2  
freeze\_meeting: smg-11b

WG (prime / other): S1 / -

rappporteur: WATSON, John  
CLAYTON, Michael

MCC:

G: yes U:

VODAFONE Group Plc

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 1  
smg-08 1993-10-01 4 . 2 . 0  
smg-14 1995-04-07 4 . 3 . 0  
smg-16 1995-07-07 4 . 4 . 0  
smg-22 1997-06-13 4 . 5 . 0  
ETSI OAP 1997-07-21 4 . 5 . 1  
ETSI publication 1998-01-14 4 . 5 . 2

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## TS 02.07 Mobile Station (MS) Features

Ph2  
current version: 4.8.2  
freeze\_meeting: smg-11b

WG (prime / other): S1 / -

rappporteur: WATSON, John  
CLAYTON, Michael

MCC:

G: yes U:

VODAFONE Group Plc

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 1  
smg-08 1993-10-01 4 . 4 . 2  
smg-10 1994-04-15 4 . 5 . 0  
smg-11 1994-07-01 4 . 6 . 0  
smg-15 1995-07-07 4 . 7 . 0  
smg-22 1997-06-13 4 . 8 . 0  
ETSI OAP 1997-07-21 4 . 8 . 1  
ETSI publication 1998-01-14 4 . 8 . 2

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.09

Ph2

### Security aspects

current version: 4.5.1

freeze\_meeting: smg-11b

WG (prime / other): S3 / S1 / NP

rapporporteur: CHRISTOFFERSSON, Per

TeliaSonera AB

G: yes U:

MCC:

POPE, Maurice

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	2	.	1
smg-12	1994-10-07	4	.	3	.	0
smg-22	1997-06-13	4	.	4	.	0
ETSI publication	1998-01-14	4	.	4	.	1
smg-31	2000-02-16	4	.	5	.	0
ETSI publication	2000-08-29	4	.	5	.	1

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## TS 02.11

Ph2

### Service accessibility

current version: 4.9.0

freeze\_meeting: smg-11b

WG (prime / other): S1 / -

rapporporteur: IBIDUN, Kunle

ORANGE SA

G: yes U:

MCC:

CLAYTON, Michael

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	5	.	1
smg-10	1994-04-15	4	.	6	.	0
ETSI OAP	1995-08-21	4	.	7	.	0
smg-16	1995-10-20	4	.	8	.	0
smg-17	1996-02-02	4	.	9	.	0

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.16 International Mobile Station Equipment Identities (IMEI)

Ph2  
current version: 4.7.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S1 / -  
G: yes U: KOKKOLA, Tommi  
CLAYTON, Michael  
rapporteur:  
MCC:  
NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 1  
smg-12 1994-10-07 4 . 4 . 0  
smg-13 1995-01-27 4 . 5 . 0  
smg-30 1999-11-11 4 . 6 . 0  
ETSI publication 2000-07-07 4 . 6 . 1  
smg-08 1993-10-01 4 . 7 . 0  
ETSI publication 2000-11-28 4 . 7 . 1

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## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

Ph2  
current version: 4.3.3  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): T3 / S1  
G: yes U: HOOKER, Philip  
THOMASEN, Gert  
rapporteur:  
MCC:  
ORANGE PCS LTD

remarks - this release:

history (event, available, version, comments, hyperlink):

.. 2001-08-30 4 . 0 . 0  
smg-02 2001-08-30 4 . 1 . 0 167/92  
smg-05 1993-06-25 4 . 2 . 0 98/93  
.. 2001-08-30 4 . 2 . 1  
smg-08 4 . 3 . 0  
.. 1993-10-01 4 . 3 . 1  
ETSI PE 1993-11-01 4 . 3 . 2  
ETSI publication 1994-09-13 4 . 3 . 3

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.24 Description of Charge Advice Information (CAI)

Ph2  
current version: 4.5.0  
freeze\_meeting: smg-11b

WG (prime / other): S1 /  
G: yes U:

rappporteur: DEOL, Amar  
MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	1
smg-08	1993-10-01	4	.	2	.	0
smg-09	1994-01-21	4	.	2	.	1
smg-10	1994-04-15	4	.	3	.	0
smg-11	1994-07-01	4	.	4	.	0
smg-15	1995-07-07	4	.	5	.	0

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## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

Ph2  
current version: 4.13.0  
freeze\_meeting: smg-11b

WG (prime / other): S1 /  
G: yes U:

rappporteur: JEAL, David  
MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	9	.	1
smg-08	1993-10-01	4	.	10	.	0
smg-10	1994-04-15	4	.	11	.	0
smg-12	1995-10-07	4	.	12	.	0
smg-13	1995-01-27	4	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.40 Procedures for Call Progress Indications

Ph2  
current version: 4.5.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S1 / NP

rapporporteur: DEOL, Amar  
MCC: CLAYTON, Michael

Nortel Networks (USA)

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	2	.	1
smg-09	1994-01-21	4	.	3	.	0
smg-10	1994-04-15	4	.	4	.	0
smg-14	1995-04-07	4	.	5	.	0

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## TS 02.41 Operator Determined Barring

Ph2  
current version: 4.5.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S1 /

rapporporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	4	.	1
smg-08	1993-10-01	4	.	5	.	0
ETSI IPE	1993-10-11	4	.	5	.	1
ETSI publication	1994-09-13	4	.	5	.	2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.81 Line Identification Supplementary Services; Stage 1

Ph2  
current version: 4.6.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB  
remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 1  
smg-10 1994-04-15 4 . 4 . 0  
smg-11 1994-07-01 4 . 4 . 1  
smg-12 1994-10-07 4 . 5 . 0  
smg-16 1995-10-20 4 . 5 . 1  
smg-24 1997-12-19 4 . 6 . 0  
ETSI publication 1998-06-17 4 . 6 . 1

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2  
current version: 4.5.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
ORANGE SA  
remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 2  
smg-10 1994-04-15 4 . 5 . 0  
smg-16 1995-10-20 4 . 5 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2  
WG (prime / other): S1 / -  
G: yes U: [get it](#)  
current version: 4.6.7  
freeze\_meeting: smg-11b  
EMCOM Ltd  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - general: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7  
remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 6 . 3  
smg-10 1994-04-15 4 . 6 . 5  
smg-16 1995-10-20 4 . 6 . 7

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## TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

Ph2  
WG (prime / other): S1 / -  
G: yes U: [get it](#)  
current version: 4.4.7  
freeze\_meeting: smg-11b  
SIEMENS AG  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
remarks - general: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7  
remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 2  
smg-11 1994-07-01 4 . 4 . 5  
smg-16 1995-10-20 4 . 4 . 7

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## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

Ph2  
WG (prime / other): S1 / -  
G: yes U: [get it](#)  
current version: 4.2.6  
freeze\_meeting: smg-11b  
TeliaSonera AB  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
remarks - general: #7: 4.2.2 #16: 4.2.6  
remarks - this release: #7: 4.2.2 #16: 4.2.6

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 2  
smg-16 1995-10-20 4 . 2 . 6

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

Ph2  
current version: 4.1.5  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release: #7: 4.1.1 #16: 4.1.5

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 1 . 1  
smg-16 1993-10-01 4 . 1 . 5

## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph2  
current version: 4.4.3  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 3 . 0  
smg-08 1993-10-01 4 . 4 . 0  
smg-16 1995-01-27 4 . 4 . 3

## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this release: #8: 4.0.1 #21: 4.1.0

history (event, available, version, comments, hyperlink):  
smg-08 1993-10-01 4 . 0 . 1  
smg-21 1997-02-14 4 . 1 . 0  
ETSI publication 1997-09-15 4 . 1 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

Ph2 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TS 03.01** Network Functions  
Ph2 current version: 4.0.4  
freeze\_meeting: smg-11b  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime / other): S2 / NP rapporteur: GAASVIK Per-Ola COMVIQ GSM AB  
G: yes U: BOSWARTHICK, David  
remarks - this release: #7: 4.0.1

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 0 . 1  
ETSI Publication 1993-07-25 4 . 0 . 4

[get it](#)  
[get it](#)

**TS 03.02** Network Architecture  
Ph2 current version: 4.2.1  
freeze\_meeting: smg-11b

WG (prime / other): S2 / NP / T2 rapporteur: MILINSKI, Alexander SIEMENS AG  
G: yes U: BOSWARTHICK, David  
remarks - this release: #7: 4.0.1 #17: 4.1.0 #18: 4.2.1

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 0 . 1  
smg-17 1996-02-02 4 . 1 . 0  
smg-18 1996-04-12 4 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.03 Numbering, Addressing and Identification

Ph2  
current version: 4.11.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N4 / T2 rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 5 . 0 [get it](#)  
smg-08 1993-10-01 4 . 6 . 0 [get it](#)  
smg-09 1994-01-21 4 . 8 . 0 [get it](#)  
smg-12 1994-10-07 4 . 9 . 0 [get it](#)  
NP-07 2000-03-17 4 . 10 . 0 [get it](#)  
NP-08 2000-06-23 4 . 11 . 0 [get it](#)  
Editorial 2001-01-04 4 . 11 . 1 [get it](#)

## TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

Ph2  
current version: 4.0.4  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N4 / SPAN / T2 rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: KYMALAINEN, Kimmo

remarks - this release: #7: 4.0.1

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1 [get it](#)  
Publication 1996-01-19 4 . 0 . 4 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.05 Technical performance objectives

Ph2  
current version: 4.1.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): NP / -  
G: yes U: [get it](#)  
rapporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David  
remarks - this release: #7: 4.0.0 #19:4.1.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
smg-19 1996-06-28 4 . 1 . 0

## TS 03.07 Restoration Procedures

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N4 / -  
G: yes U: [get it](#)  
rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
MCC: KYMALAINEN, Kimmo

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-10 1994-04-15 4 . 3 . 0  
Publication 1996-01-19 4 . 3 . 1

## TS 03.08 Organization of Subscriber Data

Ph2  
current version: 4.8.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N4 / -  
G: yes U: [get it](#)  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 5 . 0  
smg-08 1993-10-01 4 . 5 . 1  
smg-09 1994-01-21 4 . 6 . 0  
smg-10 1994-04-15 4 . 7 . 0  
smg-18 1996-04-12 4 . 8 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.09 Handover Procedures

Ph2  
current version: 4.6.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated

G: yes U: MCC: JURISIC, Andrijana

remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	0
smg-08	1993-10-01	4	.	2	.	0
smg-09	1994-01-21	4	.	2	.	1
smg-10	1994-04-15	4	.	3	.	0
smg-11	1994-07-01	4	.	4	.	0
smg-12	1994-10-07	4	.	5	.	0
smg-17	1996-02-02	4	.	6	.	0

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## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	2	.	1
smg-08	1993-10-01	4	.	3	.	0
Publication	1994-09-13	4	.	3	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	4	.	4	.	0	
ETSI public enquiry	2002-10-24	4	.	4	.	1
smg-09	4	.	5	.	0	
smg-10	4	.	6	.	0	
smg-11	4	.	7	.	0	
smg-12	2002-10-24	4	.	8	.	0
ETSI publication	2002-10-24	4	.	8	.	1
smg-14	2002-10-24	4	.	9	.	0
ETSI publication	2002-10-24	4	.	9	.	1
ETSI public enquiry	4	.	10	.	0	
smg-18	1996-04-12	4	.	10	.	1

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## TS 03.12 Location Registration Procedures

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: remarks - this release: #7: 4.3.0 #8: 4.4.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	3	.	0
smg-08	1993-10-01	4	.	4	.	0
Publication	1994-09-13	4	.	4	.	2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2  
current version: 4.0.4  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #7: 4.0.1

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
Publication 1994-09-13 4 . 0 . 4

## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): N1 / -  
G: yes U:  
rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
SIEMENS AG  
remarks - this release: #7: 4.0.0 #10: 4.1.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
smg-10 1994-04-15 4 . 1 . 0  
Publication 1994-09-13 4 . 1 . 1

## TS 03.15 Technical Realization of Operator Determined Barring

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: PARK, Ian David  
MCC: Chalmers  
VODAFONE LTD  
KYMALAINEN, Kimmo  
remarks - this release: #7: 4.2.0 #10: 4.3.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-10 1994-04-15 4 . 3 . 0  
Publication 1994-09-13 4 . 3 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.16 Subscriber Data Management

current version: 4.2.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1

history (event, available, version, comments, hyperlink):

smg-14 1995-04-07 4 . 1 . 0  
smg-16 1995-10-20 4 . 1 . 1  
smg-18 1996-04-12 4 . 2 . 1

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## TS 03.20 Security-related network functions

current version: 4.4.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S3 / NP / GP  
G: yes U:  
rapporteur: NGUYEN NGOC, Sebastien  
MCC: POPE, Maurice  
remarks - this release:

France Telecom

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 1  
smg-10 1994-04-15 4 . 3 . 0  
smg-17 1996-02-02 4 . 3 . 2  
smg-21 1997-02-14 4 . 4 . 0  
Publication 1997-08-26 4 . 4 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

Ph2

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.11.0

freeze\_meeting: smg-11b

G: yes U:

MCC:

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows

Skov  
USAI, Paolino

remarks - this release:

"and group receive mode".

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	4	.	0
smg-09	1994-01-21	4	.	5	.	0
smg-10	1994-04-15	4	.	6	.	0
smg-11	1994-07-01	4	.	7	.	0
smg-12	1994-10-07	4	.	8	.	0
smg-14	1995-04-07	4	.	9	.	0
smg-16	1995-10-20	4	.	10	.	0
smg-17	1996-02-02	4	.	11	.	0

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## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

Ph2

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.3.0

freeze\_meeting: smg-11b

G: yes U:

MCC:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	4	.	1	.	0
smg-22	1997-06-13	4	.	2	.	0
smg-23	1997-10-17	4	.	3	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.30 Radio Network Planning Aspects

current version: 4.3.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): GP / - rapporteur: TEGTH, Ulf  
G: yes U: USAI, Paolino  
TeliaSonera AB

MCC:  
remarks - this release: #7: 4.2.0 #9: 4.2.1 #13: 4.3.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-09 1994-01-21 4 . 2 . 1  
smg-13 1995-01-27 4 . 3 . 0

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[get it](#)

## TS 03.38 Alphabets and language-specific information

current version: 4.0.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
G: yes U: HAN, Seung Don  
Research In Motion Limited

MCC:  
remarks - this release: #10: 4.0.0

history (event, available, version, comments, hyperlink):

smg-10 4 . 0 . 0  
Publication 1994-09-13 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.40 Technical realization of the Short Message Service (SMS)

Ph2  
current version: 4.13.0

freeze\_meeting: smg-11b

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / other): T2 / -

G: yes U:

rappporteur: ROEBKE, Matthias

MCC: HAN, Seung Don

T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 4 . 6 . 0

smg-08 2004-04-27 4 . 7 . 0

smg-10 1994-04-15 4 . 8 . 1

smg-11 2004-04-27 4 . 9 . 0

ETSI publication 1997-08-05 4 . 9 . 1

post smg-11

ETSI publication 2004-04-27 4 . 10 . 0 Published as ETS amendment A1

smg-15 1995-07-07 4 . 11 . 0

smg-16 1995-10-20 4 . 12 . 0

smg-18 1996-04-12 4 . 13 . 0

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-Cell Broadcast)

Ph2  
current version: 4.11.0

freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): T2 / -

G: yes U:

rappporteur: HARRIS, Ian

MCC: HAN, Seung Don

Research In Motion Limited

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 1

smg-08 1993-10-01 4 . 5 . 0

smg-09 1994-01-21 4 . 6 . 0

smg-10 1994-04-15 4 . 7 . 0

smg-11 1994-07-01 4 . 8 . 0

smg-12 1994-10-07 4 . 9 . 0

smg-13 1995-01-27 4 . 10 . 0

smg-16 1995-10-20 4 . 11 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.43 Ph2

### Support of Videotex

current version: 4.1.2  
freeze\_meeting: smg-11b

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: HAN, Seung Don

MCC:

remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 1  
Editorial 1996-01-19 4 . 1 . 2

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## TR 03.44 Ph2

### Support of Teletex in a GSM Public Land Mobile Network (PLMN)

current version: 4.0.1  
freeze\_meeting: smg-11b

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: HAN, Seung Don

MCC:

remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
Editorial 1998-07-30 4 . 0 . 1

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## TS 03.45 Ph2

### Technical Realization of Facsimile Group 3 Service - transparent

current version: 4.5.0  
freeze\_meeting: smg-11b

WG (prime / other): N3 / - rapporteur: HAN, Seung Don

G: yes U: HAN, Seung Don

MCC:

remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 1  
smg-08 1993-10-01 4 . 3 . 0  
smg-09 1994-01-21 4 . 3 . 1  
smg-10 1994-04-15 4 . 4 . 0  
smg-11 1994-07-01 4 . 4 . 1  
smg-14 1995-04-07 4 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

WG (prime / other): N3 / -  
G: yes U:

reporteur: HAN, Seung Don  
MCC: HAN, Seung Don

KT Freetel Co., Ltd.

freeze\_meeting: smg-11b  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	1
smg-08	1993-10-01	4	.	0	.	2
smg-11	1994-07-01	4	.	1	.	0
Publication	1996-01-19	4	.	1	.	2

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

WG (prime / other): T2 / -  
G: yes U:

reporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

freeze\_meeting: smg-11b  
remarks - general: MCC: HAN, Seung Don  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	0
smg-08	1993-10-01	4	.	2	.	0
smg-12	1994-10-07	4	.	2	.	1
smg-18	1996-04-12	4	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

WG (prime / other): T2 / -  
freeze\_meeting: smg-11b

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U:

MCC: HAN, Seung Don

remarks - this release: #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	0
smg-08	1993-10-01	4	.	2	.	0
smg-11	1994-07-01	4	.	3	.	0
smg-12	1994-10-07	4	.	4	.	0
smg-13	1995-01-27	4	.	5	.	0
smg-16	1995-10-20	4	.	6	.	0

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

WG (prime / other): S4 / -  
freeze\_meeting: smg-11b

rapporteur: USAI, Paolino

G: yes U:

MCC: TELECOM ITALIA S.p.A.

remarks - this release: #8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0

### history (event, available, version, comments, hyperlink):

smg-08	1993-10-01	4	.	0	.	0
smg-09	1994-01-21	4	.	1	.	0
smg-15	1995-07-07	4	.	2	.	0
smg-24	1997-12-19	4	.	3	.	0
smg-25	1998-03-20	4	.	4	.	0
smg-27	1998-10-16	4	.	5	.	0
smg-28	1999-02-12	4	.	6	.	0
Editorial	1999-03-12	4	.	6	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph2  
current version: 4.0.3

freeze\_meeting: smg-11b

remarks - general: N3: "no R99 needed".

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release: #7: 4.0.0 #8: 4.0.1

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0

smg-08 1993-10-01 4 . 0 . 1

Publication 1996-01-19 4 . 0 . 3

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## TS 03.81 Line Identification Supplementary Services; Stage 2

Ph2  
current version: 4.8.1

freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB

G: yes U: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 0

smg-09 1993-10-01 4 . 2 . 0

smg-10 1994-04-15 4 . 3 . 0

smg-11 1994-07-01 4 . 4 . 0

smg-12 1994-10-07 4 . 5 . 0

smg-19 1996-06-28 4 . 6 . 0

smg-24 1997-12-19 4 . 7 . 0

smg-26 1998-06-26 4 . 8 . 0

Editorial 1998-07-26 4 . 8 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
MCC: KYMALAINEN, Kimmo  
remarks - general: #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 5 . 0  
smg-08 1993-10-01 4 . 5 . 1  
smg-10 1994-04-15 4 . 6 . 0  
smg-12 1994-10-07 4 . 7 . 0  
smg-18 1996-04-12 4 . 8 . 0  
Editorial 1996-05-12 4 . 8 . 1

## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2  
WG (prime / other): N4 / -  
G: yes U:   
rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
MCC: KYMALAINEN, Kimmo  
remarks - general: #7: 4.3.0 #11: 4.3.2 #12: 4.4.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 0  
smg-11 1994-07-01 4 . 3 . 2  
smg-12 1994-10-07 4 . 4 . 0  
Editorial 1994-11-07 4 . 4 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.84 Multi Party (MPTY) Supplementary Services; Stage 2

Ph2  
current version: 4.4.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: HABERMANN, Steffen  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	0
smg-09	1994-01-21	4	.	2	.	0
smg-10	1994-04-15	4	.	3	.	0
smg-12	1994-10-07	4	.	4	.	0
Editorial	1994-11-07	4	.	4	.	1

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2  
current version: 4.2.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
smg-08	1993-10-01	4	.	1	.	0
smg-13	1995-01-27	4	.	2	.	0
Editorial	1995-02-27	4	.	2	.	1

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2  
WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0  
remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 0  
smg-08 1993-10-01 4 . 2 . 0  
smg-09 1994-01-21 4 . 3 . 0  
smg-10 1994-04-15 4 . 4 . 0  
smg-11 1994-07-01 4 . 5 . 0  
smg-12 1994-10-07 4 . 6 . 0  
Editorial 1994-11-07 4 . 6 . 1

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2  
WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0

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### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 0  
smg-10 1994-04-15 4 . 5 . 0  
smg-12 1994-10-07 4 . 6 . 0  
Editorial 1994-11-07 4 . 6 . 1

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2  
WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil  
G: yes U: mm02 plc  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #8: 4.0.0 #15: 4.1.0

freeze\_meeting: smg-11b

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0  
smg-15 1995-07-07 4 . 1 . 0  
Editorial 1995-08-07 4 . 1 . 1

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## Ph2 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

### TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph2  
WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
G: yes U: Skov  
MCC: JURISIC, Andrijana  
remarks - this release: #7: 4.0.1

freeze\_meeting: smg-11b

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
ETSI publication 1996-01-19 4 . 0 . 4

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph2  
WG (prime / other): N1 / -  
current version: 4.0.4  
freeze\_meeting: smg-11b  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
MCC: JURISIC, Andrijana  
G: yes U: remarks - this release: #7: 4.0.1

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
ETSI publication 1996-01-19 4 . 0 . 4

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Ph2  
WG (prime / other): G2 / -  
current version: 4.1.1  
freeze\_meeting: smg-11b  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
MCC: THOMASEN, Gert  
G: yes U: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-10 1994-04-15 4 . 1 . 0  
Editorial 1994-05-15 4 . 1 . 1

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## TS 04.04 Layer 1 - General Requirements

Ph2  
WG (prime / other): G2 / -  
current version: 4.0.4  
freeze\_meeting: smg-11b  
rapporteur: ISAACS, Ken SIEMENS AG  
THOMASEN, Gert  
MCC:  
G: yes U: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
ETSI publication 1994-09-13 4 . 0 . 4

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.05 Data Link (DL) Layer General Aspects

Ph2  
current version: 4.0.3  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 0 . 0  
ETSI publication 1994-09-13 4 . 0 . 3

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Ph2  
current version: 4.4.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 2 . 0  
smg-08 1993-10-01 4 . 3 . 0  
smg-11 1994-07-01 4 . 4 . 0

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
JURISIC, Andrijana  
G: yes U: MCC: JURISIC, Andrijana  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 1 . 1  
smg-10 1994-04-15 4 . 2 . 0  
smg-12 1994-10-07 4 . 3 . 0  
ETSI Publication 1997-11-07 4 . 3 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

Ph2 current version: 4.25.0

freeze\_meeting: smg-11b

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomassen (even numbered CRs)

WG (prime / other): N1 / G2

rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana

MOTOROLA Ltd

G: yes U: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	4	.	5	.	0	<a href="#">get it</a>	
smg-08	4	.	6	.	0	<a href="#">get it</a>	
smg-09	4	.	7	.	0	<a href="#">get it</a>	
smg-10	4	.	8	.	0	<a href="#">get it</a>	
smg-11	4	.	9	.	0	<a href="#">get it</a>	
smg-12	4	.	10	.	0	<a href="#">get it</a>	
smg-14	1995-04-07	4	.	11	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	12	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	13	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	14	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	15	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	16	.	0	<a href="#">get it</a>
ETSI publication	1997-01-09	4	.	16	.	1	<a href="#">get it</a>
smg-20	1996-10-11	4	.	17	.	0	<a href="#">get it</a>
ETSI publication	1997-05-12	4	.	17	.	1	<a href="#">get it</a>
smg-21	1997-02-14	4	.	18	.	0	<a href="#">get it</a>
ETSI PE	1997-08-15	4	.	19	.	1	<a href="#">get it</a>
ETSI publication	1997-12-31	4	.	19	.	2	<a href="#">get it</a>
smg-23	1997-10-17	4	.	20	.	1	<a href="#">get it</a>
smg-24	1997-12-19	4	.	21	.	0	<a href="#">get it</a>
ETSI publication	1998-06-26	4	.	21	.	1	<a href="#">get it</a>
smg-25	1998-03-20	4	.	22	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	4	.	22	.	1	<a href="#">get it</a>
smg-28	1999-02-12	4	.	23	.	0	<a href="#">get it</a>
ETSI publication	1999-10-05	4	.	23	.	1	<a href="#">get it</a>
NP-18	2003-01-02	4	.	24	.	0	<a href="#">get it</a>
GP-15	2003-07-10	4	.	25	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph2  
current version: 4.10.1  
freeze\_meeting: smg-11b

WG (prime / other): N4 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
KYMALAINEN, Kimmo

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	4	0	<a href="#">get it</a>
smg-08	1993-10-01	4	5	0	<a href="#">get it</a>
smg-09	1994-01-21	4	6	0	<a href="#">get it</a>
smg-10	1994-04-15	4	7	0	<a href="#">get it</a>
smg-11	1994-07-01	4	8	0	<a href="#">get it</a>
smg-13	1995-01-27	4	9	0	<a href="#">get it</a>
smg-17	1996-02-02	4	10	0	<a href="#">get it</a>
Editorial	1996-03-02	4	10	1	<a href="#">get it</a>

## TS 04.11

Ph2  
current version: 4.11.0  
freeze\_meeting: smg-11b

Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

WG (prime / other): N1 / -

rapporteur: NOBUYUKI, Uda  
JURISIC, Andrijana  
NTT COMMWARE Corporation

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	3	0	<a href="#">get it</a>
smg-08	1993-10-01	4	4	0	<a href="#">get it</a>
smg-10	1994-04-15	4	5	0	<a href="#">get it</a>
smg-11	1994-07-01	4	6	0	<a href="#">get it</a>
smg-12	1994-10-07	4	7	0	<a href="#">get it</a>
smg-14	1995-04-07	4	8	0	<a href="#">get it</a>
smg-16	1995-10-20	4	9	0	<a href="#">get it</a>
smg-17	1996-02-02	4	10	0	<a href="#">get it</a>
NP-09	2000-10-04	4	11	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

WG (prime / other): G2 / T2  
freeze\_meeting: smg-11b

rappporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U:

MCC: THOMASEN, Gert

remarks - this release: #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	1
smg-10	1994-04-15	4	.	2	.	0
smg-11	1994-07-01	4	.	3	.	0
smg-12	1994-10-07	4	.	4	.	0
smg-16	1995-10-20	4	.	6	.	0

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## TS 04.13 Performance Requirements on Mobile Radio Interface

WG (prime / other): N1 / -  
freeze\_meeting: smg-11b

rappporteur: DAVES, Peter VODAFONE LTD  
MCC: JURISIC, Andrijana

G: yes U:

remarks - this release: #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0

### history (event, available, version, comments, hyperlink):

smg-10	1994-04-15	4	.	0	.	0
smg-14	1995-04-07	4	.	0	.	2
smg-15	1995-07-07	4	.	1	.	0
smg-16	1995-10-20	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2

WG (prime / other): N3 / -

reporteur: RÄSÄNEN, Juha

HAN, Seung Don

MCC:

NOKIA Corporation

current version: 4.6.1  
freeze\_meeting: smg-11b  
remarks - general:  
#7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version  
of ETS replacing OAP version

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 1  
smg-08 1993-10-01 4 . 3 . 0  
smg-11 1994-07-01 4 . 4 . 0  
smg-13 1995-01-27 4 . 5 . 0  
smg-14 1995-04-07 4 . 6 . 0

published version 2000-03-02 4 . 6 . 1  
of ETS replacing  
OAP v

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## TS 04.22

Ph2

WG (prime / other): N3

Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

SIEMENS AG

reporteur: KLEHN, Norbert

/-

freeze\_meeting: smg-11b

G: yes U:

HAN, Seung Don

MCC:

/-

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 2  
smg-08 1993-10-01 4 . 3 . 0  
smg-13 1995-01-27 4 . 4 . 0  
smg-25 1998-03-20 4 . 5 . 0  
Editorial 1998-04-20 4 . 5 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

WG (prime / other): N4 / -

G: yes U:

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 7 . 0

smg-09 1994-01-21 4 . 9 . 0

smg-16 1995-10-20 4 . 10 . 0

ETSI publication 1996-08-23 4 . 10 . 1

smg-17 1996-02-02 4 . 11 . 0

ETSI publication 1996-08-23 4 . 11 . 1

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## TS 04.81 Line Identification Supplementary Services; Stage 3

WG (prime / other): N4 / -

G: yes U:

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0

smg-10 1994-04-15 4 . 3 . 0

smg-12 1994-10-07 4 . 4 . 0

ETSI Publication 1994-11-07 4 . 4 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph2  
current version: 4.9.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	6	.	0
smg-11	1994-07-01	4	.	7	.	0
smg-12	1994-10-07	4	.	8	.	0
smg-17	1996-02-02	4	.	9	.	0
Editorial	1996-03-02	4	.	9	.	1

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## TS 04.83

Ph2  
current version: 4.6.1  
freeze\_meeting: smg-11b  
remarks - general:

### Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo  
NORTEL NETWORKS (EUROPE)  
remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	4	.	0
smg-09	1994-01-21	4	.	5	.	0
smg-17	1996-02-02	4	.	6	.	0
Editorial	1996-03-02	4	.	6	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
current version: 4.3.2  
freeze\_meeting: smg-11b  
rapporteur: HABERMANN, Steffen  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
remarks - general: #7: 4.2.0 #9: 4.3.0  
remarks - this release: #7: 4.2.0 #9: 4.3.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-09 1994-01-21 4 . 3 . 0  
ETSI Publication 1994-02-21 4 . 3 . 2

## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
current version: 4.1.1  
freeze\_meeting: smg-11b  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: #7: 4.0.0 #18: 4.1.0  
remarks - this release: #7: 4.0.0 #18: 4.1.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
smg-18 1996-04-12 4 . 1 . 0  
Editorial 1996-05-12 4 . 1 . 1

## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
current version: 4.5.2  
freeze\_meeting: smg-11b  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - general: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0  
remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-08 1993-10-01 4 . 4 . 0  
smg-11 1994-07-01 4 . 5 . 0  
ETSI Publication 1995-03-14 4 . 5 . 2

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2  
WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
freeze\_meeting: smg-11b  
remarks - general: remarks - this release: #7: 4.6.0 #17: 4.7.0

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 6 . 0  
smg-17 1996-02-02 4 . 7 . 0  
Editorial 1996-03-02 4 . 7 . 1

## TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2  
WG (prime / other): N4 / -  
G: yes U: [get it](#) [get it](#) [get it](#)  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB  
freeze\_meeting: smg-11b  
remarks - general: remarks - this release: #8: 4.0.0 #12: 4.1.0

### history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0  
smg-12 1994-10-07 4 . 1 . 0  
Editorial 1994-11-07 4 . 1 . 1

Ph2 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2  
current version: 4.6.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: USAI, Paolino

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 0  
smg-08 1993-10-01 4 . 2 . 0  
smg-10 1994-04-15 4 . 3 . 0  
smg-13 1995-01-27 4 . 4 . 0  
smg-14 1995-04-07 4 . 5 . 0  
smg-16 1995-10-20 4 . 6 . 0

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2  
current version: 4.11.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoist

G: yes U: USAI, Paolino

MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 0  
smg-09 1994-01-21 4 . 4 . 0  
smg-15 1995-07-07 4 . 5 . 0  
smg-16 1995-10-20 4 . 6 . 0  
smg-17 1996-02-02 4 . 7 . 0  
smg-20 1996-10-11 4 . 8 . 0  
smg-22 1997-06-13 4 . 9 . 0  
smg-28 1999-02-12 4 . 10 . 0  
ETSI Publication 1999-07-22 4 . 10 . 1  
GP-06 2001-10-01 4 . 11 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.03

### Channel coding

current version: 4.5.1

freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / -

rappporteur: SEBIRE, Benoist

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release: #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	0
smg-13	1995-01-27	4	.	2	.	0
smg-15	1995-07-07	4	.	3	.	0
smg-21	1997-02-14	4	.	4	.	0
smg-22	1997-06-13	4	.	5	.	0
Editorial	1997-07-13	4	.	5	.	1

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## TS 05.04

### Modulation

current version: 4.0.3

freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / -

rappporteur: SEBIRE, Benoist

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
ETSI publication	1994-09-13	4	.	0	.	3

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

Ph2 current version: 4.23.1

freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	6	.	0		<a href="#">get it</a>
smg-08	1993-10-01	4	.	7	.	0		<a href="#">get it</a>
smg-09	1994-01-21	4	.	8	.	0		<a href="#">get it</a>
smg-10	1994-04-15	4	.	9	.	0		<a href="#">get it</a>
smg-13	1995-01-27	4	.	10	.	0		<a href="#">get it</a>
smg-14	1995-04-07	4	.	11	.	0		<a href="#">get it</a>
ETSI Publication	2003-09-01	4	.	12	.	0		<a href="#">get it</a>
smg-16	1995-10-20	4	.	13	.	0		<a href="#">get it</a>
smg-17	1996-02-02	4	.	14	.	0		<a href="#">get it</a>
smg-18	1996-04-12	4	.	15	.	0		<a href="#">get it</a>
smg-19	1996-06-28	4	.	16	.	0		<a href="#">get it</a>
smg-20	1996-10-11	4	.	17	.	0		<a href="#">get it</a>
smg-21	1997-02-14	4	.	18	.	0		<a href="#">get it</a>
smg-22	1997-06-13	4	.	19	.	0		<a href="#">get it</a>
smg-23	1997-10-17	4	.	20	.	0		<a href="#">get it</a>
smg-24	1997-12-19	4	.	21	.	0		<a href="#">get it</a>
smg-26	1998-06-26	4	.	22	.	0		<a href="#">get it</a>
smg-29	1999-06-25	4	.	23	.	0		<a href="#">get it</a>
ETSI Publication	1999-12-17	4	.	23	.	1		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

TS 05.08 Radio subsystem link control  
Ph2 current version: 4.22.1  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer  
G: yes U: USAI, Paolino

remarks - general: remarks - this release:

## history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	6	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	7	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	8	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	9	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	10	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	11	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	12	.	0	<a href="#">get it</a>
smg-14	1995-04-07	4	.	13	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	14	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	15	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	16	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	17	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	18	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	19	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	20	.	0	<a href="#">get it</a>
smg-24	1997-12-19	4	.	21	.	0	<a href="#">get it</a>
smg-27	1998-10-16	4	.	22	.	0	<a href="#">get it</a>
ETSI Publication	1999-03-09	4	.	22	.	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.10 Radio subsystem synchronization

current version: 4.9.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-08 1993-10-01 4 . 3 . 0  
smg-09 1994-01-21 4 . 4 . 0  
smg-13 1995-01-27 4 . 5 . 0  
smg-14 1995-04-07 4 . 6 . 0  
smg-16 1995-10-20 4 . 7 . 0  
smg-17 1996-02-02 4 . 8 . 0  
smg-18 1996-04-12 4 . 9 . 0

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## TR 05.22 Radio link management in hierarchical networks

current version: 4.0.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han  
G: yes U: USAI, Paolino

remarks - this release: #18: 4.0.0

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TR 05.50 Background for RF Requirements

Ph2  
current version: 4.2.0  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov  
USAI, Paolino  
MCC:

remarks - this release: #8: 4.0.0 #13: 4.1.0 #17: 4.2.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0  
smg-13 1995-01-27 4 . 1 . 0  
smg-17 1996-02-02 4 . 2 . 0

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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

Ph2  
current version: 4.3.0  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: USAI, Paolino  
TELECOM ITALIA S.p.A.

G: yes U: USAI, Paolino  
MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 4 . 1 . 0  
smg-08 4 . 2 . 0  
ETSI publication 1994-02-15 4 . 2 . 1  
smg-15 1995-08-15 4 . 3 . 0

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Ph2

06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.01 Full Rate Speech Processing Functions

Ph2  
current version: 4.0.7  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino

G: yes U: USAI, Paolino

TELECOM ITALIA S.p.A.  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 2  
smg-23 1997-10-17 4 . 0 . 6  
ETSI Publication 1998-04-07 4 . 0 . 7

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## TS 06.02 Half Rate Speech Processing Functions

Ph2  
current version: 4.0.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve

G: yes U: USAI, Paolino

MOTOROLA Ltd  
MCC:  
remarks - this release: #13: 4.0.0

history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
ETSI Publication 1995-12-19 4 . 0 . 2

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## TS 06.06 Half Rate Speech: ANSIC-Code for GSM Half Rate Speech Codec

Ph2  
current version: 4.2.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve

G: yes U: USAI, Paolino

MOTOROLA Ltd  
MCC:  
remarks - this release: #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0

history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
smg-16 1995-10-20 4 . 0 . 2  
smg-17 1996-02-02 4 . 1 . 0  
smg-23 1997-10-17 4 . 2 . 0  
Editorial 1997-11-17 4 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.07 Half Rate Speech; Test Sequence for GSM Half Rate Speech Codec

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-11b  
MCC: MOTOROLA Ltd  
remarks - general: remarks - this release: #13: 4.0.0 #20: 4.1.0 #22: 4.2.0

history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0 [get it](#)  
smg-20 1996-10-11 4 . 1 . 0 [get it](#)  
smg-22 1997-06-13 4 . 2 . 0 [get it](#)  
Editorial 1997-07-13 4 . 2 . 1 [get it](#)

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime / other): S4 / - rapporteur: SALEM, Tarek  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-11b  
MCC: T-MOBILE DEUTSCHLAND  
remarks - general: remarks - this release: #16: 4.0.0

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.10 Full Rate Speech Transcoding

Ph2  
current version: 4.3.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: LORENZ, Dietmar  
G: yes U: USAI, Paolino

PHILIPS Semiconductors  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
smg-23 1997-10-17 4 . 1 . 0  
smg-32 2000-06-20 4 . 2 . 0  
Editorial 2000-07-20 4 . 2 . 1  
Correction of figure 2001-06-29 4 . 3 . 0  
3.2

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph2  
current version: 4.0.6  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: NAVARRO, William  
G: yes U: USAI, Paolino

NORTEL NETWORKS (EUROPE)  
MCC:  
remarks - this release: #7: 4.0.1 #23: 4.0.5

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-23 1997-10-17 4 . 0 . 5  
ETSI Publication 1998-04-07 4 . 0 . 6

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph2  
current version: 4.1.0  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: SERENO, Daniele  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #7: 4.0.1

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
ETSI Publication 1994-09-13 4 . 0 . 4  
SP-12 2001-06-29 4 . 1 . 0

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## TS 06.20 Half Rate Speech Transcoding

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0

history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
smg-14 1995-04-07 4 . 1 . 0  
smg-17 1996-02-02 4 . 3 . 0  
ETSI Publication 1996-03-03 4 . 3 . 1

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

Ph2  
current version: 4.0.2  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
remarks - this release: #13: 4.0.0

history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
ETSI Publication 1995-12-19 4 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: USAI, Paolino  
MCC: MOTOROLA Ltd  
remarks - this release: #13: 4.0.0 #15: 4.1.0

history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
smg-15 1995-07-07 4 . 1 . 0  
Editorial 1995-08-07 4 . 1 . 1

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph2  
current version: 4.0.5  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.  
remarks - this release: #7: 4.0.1 #23: 4.0.5

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-23 1997-10-17 4 . 0 . 5

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## TS 06.32 Voice Activity Detection (VAD)

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
MCC: Indicate persons who left Company and wait for new One  
remarks - this release: #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-13 1995-01-27 4 . 1 . 0  
smg-17 1996-02-02 4 . 2 . 0  
smg-23 1997-10-17 4 . 3 . 0  
Editorial 1997-11-17 4 . 3 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

Ph2  
WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-11b  
TELECOM ITALIA S.p.A.  
remarks - general: remarks - this release: #13: 4.0.0

### history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
ETSI Publication 1995-02-19 4 . 0 . 2

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## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

Ph2  
WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-11b  
Indicate persons who left Company and wait for new One  
remarks - general: remarks - this release: #13: 4.0.0 #15: 4.1.0

### history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
smg-15 1995-07-07 4 . 1 . 0  
Editorial 1995-08-07 4 . 1 . 1

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## TS 06.51 GSM Enhanced full rate speech processing functions: General description

Ph2  
WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-11b  
NOKIA Corporation  
remarks - general: remarks - this release: #22: 4.0.0 #32: 4.1.0 TSG#10: 4.2.0

### history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 4 . 0 . 0  
ETSI publication 1997-12-31 4 . 0 . 1  
smg-32 2000-06-28 4 . 1 . 0  
ETSI publication 2000-11-30 4 . 1 . 1  
SP-10 2000-12-20 4 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.53 ANSIC code for the GSM Enhanced Full Rate (EFR) speech codec

current version: 4.0.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-23 1997-10-17 4 . 0 . 1

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

current version: 4.2.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-22 1997-06-13 4 . 0 . 0  
ETSI publication 1998-09-29 4 . 0 . 1  
smg-32 2000-06-20 4 . 1 . 0  
SP-10 2000-12-20 4 . 2 . 0

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

current version: 4.0.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / - rapporteur: SALEM, Tarek

G: yes U: USAI, Paolino

remarks - this release: #22: 4.0.0

history (event, available, version, comments, hyperlink):  
smg-22 1997-06-13 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.60 Enhanced full rate speech transcoding

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release: #23: 4.0.1 #25: 4.1.0

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 4 . 0 . 0  
smg-25 1998-03-20 4 . 1 . 0  
ETSI Publication 2000-08-24 4 . 1 . 1

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

Ph2  
current version: 4.0.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release: #22: 4.0.0

history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 4 . 0 . 0  
Editorial 1997-07-13 4 . 0 . 1

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## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

Ph2  
current version: 4.0.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: JÄRVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release: #23: 4.0.1

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.81 Discontinuous Transmission (DTX) for encanced full rate speech traffic channels

Ph2  
WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-11b  
NOKIA Corporation  
remarks - general: #22: 4.0.0 #30: 4.1.0  
remarks - this release: #22: 4.0.0 #30: 4.1.0

### history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 4 . 0 . 0 [get it](#)  
smg-30 1999-11-11 4 . 1 . 0 [get it](#)  
ETSI Publication 2000-08-09 4 . 1 . 1 [get it](#)

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## TS 06.82 Voice Activity Detection (VAD) for encanced full rate speech traffic channels

Ph2  
WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: USAI, Paolino  
NOKIA Corporation  
freeze\_meeting: smg-11b  
remarks - general: #22: 4.0.0

### history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 4 . 0 . 0 [get it](#)  
Editorial 1997-07-13 4 . 0 . 1 [get it](#)

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Ph2 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2  
current version: 4.10.0  
freeze\_meeting: smg-11b

WG (prime / other): N3 / -  
G: yes U:

rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	5	.	0
smg-08	1993-10-01	4	.	6	.	0
smg-10	1994-04-15	4	.	7	.	0
smg-13	1995-01-27	4	.	8	.	0
smg-15	1995-07-07	4	.	9	.	0
smg-16	1995-10-20	4	.	10	.	0

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2  
current version: 4.5.1  
freeze\_meeting: smg-11b

WG (prime / other): N3 / -  
G: yes U:

rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general:

remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	4	.	0
smg-09	1994-01-21	4	.	4	.	2
smg-11	1994-07-01	4	.	5	.	0
Editorial	1994-08-01	4	.	5	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson

G: yes U: MCC: HAN, Seung Don

remarks - general: freeze\_meeting: smg-11b  
remarks - this release: #7: 4.4.0 #9: 4.5.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 0  
smg-09 1994-01-21 4 . 5 . 0  
Editorial 1994-02-21 4 . 5 . 1

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: MCC: HAN, Seung Don

remarks - general: freeze\_meeting: smg-11b  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 1  
smg-08 1993-10-01 4 . 3 . 0  
smg-12 1994-10-07 4 . 4 . 0  
smg-16 1995-10-20 4 . 5 . 0  
smg-17 1996-02-02 4 . 6 . 0  
smg-18 1996-04-12 4 . 7 . 0  
smg-20 1996-10-11 4 . 8 . 0  
Editorial 1996-11-11 4 . 8 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2  
current version: 4.4.1  
freeze\_meeting: smg-11b

WG (prime / other): T2 / - rapporteur: VOTE, Nicola  
G: yes U: HAN, Seung Don NTT DoCoMo Inc.

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	4	.	0	.	0
smg-18	1996-04-12	4	.	1	.	0
smg-24	1997-12-19	4	.	2	.	0
smg-25	1998-03-20	4	.	3	.	0
smg-27	1998-10-16	4	.	4	.	0
Editorial	1998-11-16	4	.	4	.	1

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## Ph2 08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.01 General Aspects on the BSS-MSC Interface

Ph2  
current version: 4.0.3  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
G: yes U: Skov THOMASEN, Gert QUALCOMM EUROPE S.A.R.L.

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
ETSI Publication	1994-09-13	4	.	0	.	3

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.2.0

freeze\_meeting: smg-11b

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
smg-10	1994-04-15	4	.	1	.	0
smg-13	1995-01-27	4	.	2	.	0

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.0.3

freeze\_meeting: smg-11b

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
ETSI Publication	1994-09-13	4	.	0	.	3

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

**TS 08.06** **Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Ph2  
current version: 4.5.0  
freeze\_meeting: smg-11b  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
MCC:  
G: yes U:  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 1 . 0  
smg-08 1993-10-01 4 . 2 . 0  
smg-09 1994-01-21 4 . 3 . 0  
smg-10 1994-04-15 4 . 4 . 0  
smg-12 1994-10-07 4 . 5 . 0

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**TS 08.08** **Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph2  
current version: 4.12.1  
freeze\_meeting: smg-11b  
WG (prime / other): G2 / -  
rapporteur: ANDERSEN, Niels Peter  
QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert  
MCC:  
G: yes U:  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 4 . 0  
smg-08 1993-10-01 4 . 5 . 0  
smg-09 1994-01-21 4 . 6 . 0  
smg-10 1994-04-15 4 . 7 . 0  
ETSI Publication 2003-09-01 4 . 7 . 1  
smg-13 1995-01-27 4 . 8 . 0  
smg-15 1995-07-07 4 . 9 . 0  
smg-16 1995-10-20 4 . 10 . 0  
smg-17 1996-02-02 4 . 11 . 0  
smg-23 1997-10-17 4 . 12 . 0  
ETSI Publication 1998-10-23 4 . 12 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / other): N3 / -

rapporteur: RÄSÄNEN, Juha  
HAN, Seung Don

freeze\_meeting: smg-11b

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 1  
smg-13 1995-01-27 4 . 2 . 3

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: smg-11b

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-13 1995-01-27 4 . 1 . 0

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Principles

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: smg-11b

MCC:

G: yes U:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
smg-13 1995-01-27 4 . 1 . 0  
smg-14 1995-04-07 4 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

Ph2  
current version: 4.1.0  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-26 4 . 0 . 1  
smg-13 1995-01-27 4 . 1 . 0

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## TS 08.56 BSC-BTS Layer 2; Specification

Ph2  
current version: 4.0.2  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0  
ETSI Publication 1994-09-13 4 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 4.9.0

G: yes U:

MCC: THOMASEN, Gert

remarks - general:

remarks - this release: #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	3	0	<a href="#">get it</a>
smg-08	1993-10-01	4	4	0	<a href="#">get it</a>
smg-09	1994-01-21	4	5	0	<a href="#">get it</a>
smg-10	1994-04-15	4	6	0	<a href="#">get it</a>
smg-13	1995-01-27	4	7	0	<a href="#">get it</a>
smg-15	1995-07-07	4	8	0	<a href="#">get it</a>
smg-16	1995-10-20	4	9	0	<a href="#">get it</a>

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## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

WG (prime / other): G1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

current version: 4.4.1

G: yes U:

MCC: USAI, Paolino

remarks - general:

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	1	0	<a href="#">get it</a>
smg-13	1995-01-27	4	2	0	<a href="#">get it</a>
smg-22	1997-06-13	4	3	0	<a href="#">get it</a>
smg-23	1997-10-17	4	4	0	<a href="#">get it</a>
Editorial	1997-11-17	4	4	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

Ph2  
WG (prime / other): G1 / NP  
current version: 4.0.2  
freeze\_meeting: smg-11b  
rapporteur: ANDERSEN, Niels Peter / Skov  
USAI, Paolino / USAI, Paolino  
MCC:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - > G1.  
G: yes U: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-13 1995-01-27 4 . 0 . 0  
ETSI Publication 1996-01-19 4 . 0 . 2

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## Ph2 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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### TR 09.01 General Network Interworking Scenarios

Ph2  
current version: 4.0.1  
freeze\_meeting: smg-11b  
rapporteur: KYMALAINEN, Kimmo / TeliaSonera AB  
KYMALAINEN, Kimmo / KYMALAINEN, Kimmo  
MCC:

WG (prime / other): N4 / -  
G: yes U: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0  
smg-09 1994-01-21 4 . 0 . 1

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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

Ph2  
current version: 4.19.1  
freeze\_meeting: smg-11b  
remarks - general: CN->N4 Apr00 (JMM)

WG (prime / other): N4 / -  
G: yes U:

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	4	.	0
smg-08	1993-10-01	4	.	5	.	0
smg-09	1994-01-21	4	.	6	.	0
smg-10	1994-04-15	4	.	7	.	0
smg-11	1994-07-01	4	.	8	.	0
smg-12	1994-10-07	4	.	9	.	0
smg-13	1995-01-27	4	.	10	.	0
smg-14	1995-04-07	4	.	11	.	0
smg-16	1995-10-20	4	.	12	.	0
smg-17	1996-02-02	4	.	13	.	0
smg-19	1996-06-28	4	.	14	.	0
smg-20	1996-10-11	4	.	15	.	0
smg-21	1997-02-14	4	.	16	.	0
smg-22	1997-06-13	4	.	17	.	0
smg-23	1997-10-17	4	.	18	.	0
NP-08	2000-06-23	4	.	19	.	0
ETSI Publication	2001-01-04	4	.	19	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

**TS 09.03** Signalling Requirements on Interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)  
Ph2  
Freetel Co., Ltd.  
WG (prime / other): N3 / -  
4.0.3  
N3  
HAN, Seung Don  
KT

freeze\_meeting: smg-11b  
remarks - general: N3: "no R99 needed".

history (event, available, version, comments, hyperlink):  
smg-08 1993-10-01 4 . 0 . 0  
smg-09 1994-01-21 4 . 0 . 1  
ETSI Publication 1995-03-14 4 . 0 . 3

**TS 09.04** Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)  
Ph2  
Freetel Co., Ltd.  
WG (prime / other): N3 / -  
4.0.2  
N3  
HAN, Seung Don  
KT Freetel Co., Ltd.

freeze\_meeting: smg-11b  
remarks - general: N3: "no R99 needed".

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 0 . 0  
smg-08 1993-10-01 4 . 0 . 1  
smg-09 1994-01-21 4 . 0 . 2

**TS 09.05** Interworking between the PLMN and the PSPDN for PAD Access  
Ph2  
Freetel Co., Ltd.  
WG (prime / other): N3 / -  
4.4.2  
N3  
HAN, Seung Don  
KT Freetel Co., Ltd.

freeze\_meeting: smg-11b  
remarks - general: N3: "no R99 needed".

history (event, available, version, comments, hyperlink):  
smg-07 1993-06-25 4 . 3 . 0  
smg-08 1993-10-01 4 . 4 . 0  
smg-09 1994-01-21 4 . 4 . 1  
ETSI Publication 1994-09-13 4 . 4 . 2

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

**TS 09.06** Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services digital Network (PSPDN/ISDN) for Support of Packet  
Ph2 current version: Switched Data Transmission Services N3 HAN, Seung Don KT  
Freetel Co., Ltd. /- rapporteur:

freeze\_meeting: smg-11b  
remarks - general: N3: "no R99 needed".

G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #7: 4.3.0 #9: 4.4.0 #12: 4.5.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 4 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 5 . 0	<a href="#">get it</a>

**TS 09.07** General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone  
Ph2 current version: Network (PSTN) N3 BELLING, Thomas  
SIEMENS AG /- rapporteur:

freeze\_meeting: smg-11b  
remarks - general:

G: yes U:  
MCC: HAN, Seung Don  
remarks - this release: #7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18:  
4.11.0 #20: 4.12.0 #27: 4.13.0

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 8 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 9 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 10 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 11 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 12 . 0	<a href="#">get it</a>
smg-27	1998-10-16	4 . 13 . 0	<a href="#">get it</a>
ETSI Publication	1999-03-23	4 . 13 . 1	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## **TS 09.08** Application of the Base Station System Application Part (BSSAP) on the E-Interface

WG (prime / other): N1 / - rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated

current version: 4.1.1

freeze\_meeting: smg-11b

G: yes U:

MCC: JURISIC, Andrijana  
remarks - this release: #9: 4.0.0 #13: 4.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-09	1994-01-21	4	.	0	.	0
smg-13	1995-01-27	4	.	1	.	0
Editorial	1995-02-27	4	.	1	.	1

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## **TS 09.10** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

WG (prime / other): 4.4.1WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

Ph2  
TeliaSonera AB

freeze\_meeting: smg-11b

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release: #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-08	1993-10-01	4	.	0	.	0
smg-09	1994-01-21	4	.	1	.	0
smg-10	1994-04-15	4	.	2	.	0
smg-17	1996-02-02	4	.	3	.	0
smg-23	1997-10-17	4	.	4	.	0
Editorial	1997-11-17	4	.	4	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.11 Signalling Interworking for Supplementary Services

Ph2  
current version: 4.6.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0  
Gesellschaft für Kommunikations Software

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	1	.	0
smg-08	1993-10-01	4	.	2	.	0
smg-09	1994-01-21	4	.	3	.	0
smg-12	1994-10-07	4	.	4	.	0
smg-13	1995-01-27	4	.	5	.	0
smg-19	1996-06-28	4	.	6	.	0
Editorial	1996-07-28	4	.	6	.	1

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## TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol

Ph2  
current version: 4.2.2  
freeze\_meeting: smg-11b  
remarks - general: EN 300 646

WG (prime / other): TISPAN / N4  
G: yes U:  
rapporteur: HÄNDIG, Peter  
MCC: Telia Mobile AB

remarks - this release: smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.

### history (event, available, version, comments, hyperlink):

smg-17		4	.	0	.	0
ETSI vote	1997-02-06	4	.	1	.	0
ETSI publication	1997-05-16	4	.	1	.	1
smg-22	1997-06-13	4	.	2	.	1
ETSI publication	1999-05-26	4	.	2	.	2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

WG (prime / other):

freeze\_meeting: smg-11b

remarks - general:

N1 / -

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-15 1995-07-07 4 . 5 . 0 [get it](#)  
smg-16 ? 1995-10-20 4 . 6 . 0 [get it](#)  
smg-18 1996-04-12 4 . 7 . 0 [get it](#)  
smg-19 1996-06-28 4 . 8 . 0 [get it](#)  
smg-22 1997-06-13 4 . 9 . 0 [get it](#)

## TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

WG (prime / other):

freeze\_meeting: smg-11b

remarks - general:

T3 / -

rapporteur: GUTHERY, Scott B.

MCC: THOMASEN, Gert

Mobile-Mind Inc.

remarks - this release: #10: 4.0.0

history (event, available, version, comments, hyperlink):

smg-10 1994-04-15 4 . 0 . 0 [get it](#)  
Editorial correction 1994-05-15 4 . 0 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

WG (prime / other): N1 / -  
freeze\_meeting: smg-11b

rappporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

MCC: JURISIC, Andrijana

remarks - general: G: yes U: remarks - this release: v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.

### history (event, available, version, comments, hyperlink):

smg-14	1995-04-07	4	.	0	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	3	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	4	.	0	<a href="#">get it</a>
smg-30	1999-11-11	4	.	5	.	0	<a href="#">get it</a>
NP-16	2002-06-26	4	.	6	.	0	<a href="#">get it</a>
edito post NP-18	2002-12-16	4	.	6	.	1	<a href="#">to get it</a>

minor editorials to change style from TS to get it TR.

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Ph2 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-1** **Mobile station (MS) conformance specification; Part 1: Conformance specification**  
WG (prime / other):

current version: 4.29.0

freeze\_meeting: smg-11b

G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /

T2 /

SCP

G: yes U:

MCC: BAEV, Stoyan

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. remarks - this release: #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	4	. 13	. 0	<a href="#">get it</a>
smg-17	1996-02-02	4	. 14	. 0	<a href="#">get it</a>
smg-18	1996-04-12	4	. 15	. 0	<a href="#">get it</a>
smg-19	1996-06-28	4	. 16	. 0	<a href="#">get it</a>
smg-20	1996-10-11	4	. 17	. 0	<a href="#">get it</a>
smg-21	1997-02-14	4	. 18	. 0	<a href="#">get it</a>
smg-22	1997-06-13	4	. 19	. 0	<a href="#">get it</a>
smg-23	1997-10-17	4	. 20	. 0	<a href="#">get it</a>
smg-24	1997-10-19	4	. 21	. 0	<a href="#">get it</a>
smg-25	1998-03-20	4	. 22	. 0	<a href="#">get it</a>
smg-26	1998-06-26	4	. 23	. 1	<a href="#">get it</a>
smg-27	1998-10-16	4	. 24	. 0	<a href="#">get it</a>
smg-28	1999-02-12	4	. 25	. 0	<a href="#">get it</a>
smg-29	1999-06-25	4	. 26	. 0	<a href="#">get it</a>
smg-30	1999-11-11	4	. 27	. 0	<a href="#">get it</a>
smg-31	2000-02-16	4	. 28	. 0	<a href="#">get it</a>
ETSI Publication	2000-09-08	4	. 28	. 1	<a href="#">get it</a>
GP-06	2001-09-06	4	. 29	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-2** **Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
Ph2  
WG (prime / other): G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP

remarks - general: 2001-11-19: G4->G5.  
G: yes U: BAEV, Stoyan  
MCC: BAEV, Stoyan  
remarks - this release: GP-06: Rel-4 serves all releases.

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	4	. 13	. 0	<a href="#">get it</a>
smg-17	1996-02-02	4	. 14	. 0	<a href="#">get it</a>
smg-18	1996-04-12	4	. 15	. 0	<a href="#">get it</a>
GP-06	2001-09-06	4	. 16	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

WG (prime / other): T3 / -  
G: yes U:

rapporteur: GUTHERY, Scott B.  
MCC: THOMASEN, Gert

Mobile-Mind Inc.

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	8	.	0	
smg-08	1993-10-01	4	.	9	.	0	
smg-09	1994-01-21	4	.	10	.	0	
smg-10	1994-04-15	4	.	11	.	0	
smg-11	1994-07-01	4	.	12	.	0	
smg-12	1994-10-07	4	.	13	.	0	
ETSI Publication	2003-09-01	4	.	13	.	1	
smg-13	1995-01-27	4	.	14	.	0	
smg-15	1995-04-07	4	.	15	.	0	
smg-16	1995-10-20	4	.	16	.	0	
smg-18	1996-04-12	4	.	17	.	0	
smg-19	1996-06-28	4	.	18	.	0	
smg-22	1997-06-13	4	.	19	.	0	
smg-25	1998-03-20	4	.	20	.	0	
smg-29	1999-06-25	4	.	21	.	0	
ETSI Publication	1999-12-17	4	.	21	.	1	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

WG (prime / other): T3 / -

G: yes U:

rappporteur: LINDHOLM, Rune

MCC: THOMASEN, Gert

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-15	1995-07-07	4	.	0	.	0
smg-17	1996-02-02	4	.	1	.	0
ETSI vote	1996-08-05	4	.	1	.	1
ETSI publication	1996-12-19	4	.	1	.	2
smg-21	1997-02-14	4	.	2	.	0
ETSI publication	1997-08-26	4	.	2	.	1
smg-23	1997-10-17	4	.	3	.	0
ETSI publication	1998-04-07	4	.	3	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

current version: 4.14.1

freeze\_meeting: smg-11b

WG (prime / other): G1 / -

rappporteur: VACANT,

MCC: USAI, Paolino

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-11	1994-07-01	4	.	0	.	0
smg-12	1994-10-07	4	.	1	.	0
smg-13	1995-01-27	4	.	2	.	0
smg-15	1995-07-07	4	.	3	.	0
smg-16	1995-10-20	4	.	4	.	0
smg-17	1996-02-02	4	.	5	.	0
smg-18	1996-04-12	4	.	6	.	0
smg-20	1996-10-11	4	.	7	.	0
smg-22	1997-06-13	4	.	8	.	0
smg-23	1997-10-17	4	.	9	.	0
smg-25	1998-03-20	4	.	10	.	0
smg-26	1998-06-26	4	.	11	.	0
smg-27	1998-10-16	4	.	12	.	0
smg-28	1999-02-12	4	.	13	.	0
smg-29	1999-06-25	4	.	14	.	0
ETSI Publication	1999-12-17	4	.	14	.	1

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## TR 11.22 GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes

current version: 4.2.0

freeze\_meeting: smg-11b

WG (prime / other): G1 / -

rappporteur: VACANT,

MCC: USAI, Paolino

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

<to be defined>		4	.	0	.	0
smg-21	1997-02-14	4	.	1	.	3
smg-31b	2000-04-17	4	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 11 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.23 GSM Signalling Aspects Base Station System equipment Specification

WG (prime / other): G1 / -

rappporteur: VACANT,  
USAI, Paolino

current version: 4.9.1

G: yes U:

freeze\_meeting: smg-11b

remarks - general: remarks - this release: Not progressed to Ph2+ because no regulatory requirement.

history (event, available, version, comments, hyperlink):

smg-11	1994-07-01	4	.	0	.	0
smg-15	1995-07-07	4	.	1	.	0
smg-16	1995-10-20	4	.	2	.	0
smg-17	1996-02-02	4	.	3	.	0
smg-18	1996-04-12	4	.	4	.	0
smg-19	1996-06-28	4	.	5	.	0
smg-21	1997-02-14	4	.	6	.	0
smg-22	1997-06-13	4	.	7	.	0
smg-23	1997-10-17	4	.	8	.	0
smg-25	1998-03-20	4	.	9	.	0
Editorial	1998-10-20	4	.	9	.	1

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## TS 11.24

Ph2

## GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

WG (prime / other): G1 / -

rappporteur: VACANT,  
USAI, Paolino

current version: 4.3.1

G: yes U:

freeze\_meeting: smg-11b

remarks - general: remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

history (event, available, version, comments, hyperlink):

smg-14	1995-04-07	4	.	0	.	0
smg-20	1996-10-11	4	.	1	.	0
smg-25	1998-03-20	4	.	2	.	0
smg-27	1998-10-16	4	.	3	.	0
Editorial correction	1998-10-16	4	.	3	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

current version: 4.2.2

freeze\_meeting: smg-11b  
USAI, Paolino

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-15	1995-07-07	4	.	0	.	0
smg-17	1996-02-02	4	.	1	.	0
smg-18	1996-04-12	4	.	2	.	0
smg-20	1996-10-11	4	.	2	.	2

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## Ph2

12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

WG (prime / other): S5 / - rapporteur: TRUSS, Michael MOTOROLA Ltd

current version: 4.6.0

freeze\_meeting: smg-11b  
ZOICAS, Adrian

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
smg-08	1993-10-01	4	.	1	.	0
smg-11	1994-07-01	4	.	2	.	0
smg-15	1995-07-07	4	.	3	.	0
smg-16	1995-10-20	4	.	4	.	0
smg-17	1996-02-02	4	.	5	.	0
smg-23	1997-10-17	4	.	6	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management

WG (prime / other): S5 / NP

G: yes U:

rappporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
smg-08	1993-10-01	4	.	1	.	0
smg-10	1994-04-15	4	.	2	.	0
smg-11	1994-07-01	4	.	3	.	0
smg-17	1996-02-02	4	.	4	.	0
Editorial	1996-02-02	4	.	4	.	1

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## TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration

WG (prime / other): S5 / S1

G: yes U:

rappporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	0
smg-08	1993-10-01	4	.	1	.	0
smg-09	1994-01-21	4	.	2	.	0
smg-11	1994-07-01	4	.	3	.	0
smg-15	1995-07-07	4	.	4	.	0
smg-16	1995-10-20	4	.	5	.	0
smg-17	1996-02-02	4	.	6	.	0
Editorial	1996-02-02	4	.	6	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

**TS 12.03**  
Ph2  
**Security Management**  
current version: 4.2.1  
freeze\_meeting: smg-11b

WG (prime / other): S5 / S1 / NP  
rapporteur: TRUSS, Michael MOTOROLA Ltd  
ZOICAS, Adrian

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-11	1994-07-01	4	0	0
smg-14	1995-04-07	4	1	0
smg-17	1996-02-02	4	2	0
Editorial	1996-02-02	4	2	1

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**TS 12.04**  
Ph2  
**Performance data measurements**

current version: 4.3.1  
freeze\_meeting: smg-11b

WG (prime / other): S5 / S1 / NP  
rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
ZOICAS, Adrian

G: yes U:  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-08	1993-10-01	4	0	0
smg-11	1994-07-01	4	1	0
smg-13	1995-01-27	4	2	0
smg-17	1996-02-02	4	3	0
Editorial correction	1996-02-02	4	3	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.05 Subscriber Related Call and Event Data

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S5 / S1

rappporteur: ALEXANDER, Benni

MCC: ZOICAS, Adrian

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-08	1993-10-01	4	.	0	.	0
smg-11	1994-07-01	4	.	1	.	0
smg-15	1995-07-07	4	.	1	.	1
smg-17	1996-02-02	4	.	2	.	0
smg-22	1997-06-13	4	.	3	.	0
Editorial correction	1997-06-13	4	.	3	.	1

## TS 12.06 Network Configuration Management and Administration

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S5 / NP

rappporteur: TOVINGER, Thomas

MCC: ZOICAS, Adrian

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-11	1994-07-01	4	.	0	.	0
smg-12	1994-10-07	4	.	0	.	1
smg-17	1996-02-02	4	.	1	.	0
Editorial correction	1996-02-02	4	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.08 Subscriber and Equipment trace

Ph2  
current version: 4.6.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S5 / NP rapporteur: RONKA, Kari NOKIA Corporation

G: yes U: MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-12 1994-10-07 4 . 0 . 0  
smg-14 1995-04-07 4 . 1 . 0  
smg-16 1995-10-20 4 . 2 . 0  
smg-18 1996-04-12 4 . 3 . 0  
smg-20 1996-10-11 4 . 4 . 0  
smg-22 1997-06-13 4 . 5 . 0  
smg-23 1997-10-17 4 . 6 . 0  
ETSI publication 2001-10-30 4 . 6 . 1

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## TS 12.11 Fault management of the Base Station System (BSS)

Ph2  
current version: 4.2.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S5 / S1 / GP rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson

G: yes U: MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 4 . 2 . 0  
Editorial correction 1998-06-26 4 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.20 Base Station System (BSS) Management Information

Ph2  
current version: 4.2.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): S5 / NP rapporteur: TRUSS, Michael  
G: yes U: MCC: ZOICAS, Adrian  
MOTOROLA Ltd

remarks - this release: #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0

### history (event, available, version, comments, hyperlink):

smg-09 1994-01-21 4 . 0 . 0  
smg-11 1994-07-01 4 . 1 . 0  
smg-13 1995-01-27 4 . 1 . 1  
smg-17 1996-02-02 4 . 2 . 0  
Editorial correction 1996-02-02 4 . 2 . 1

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## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2  
current version: 4.6.0  
freeze\_meeting: smg-11b  
remarks - general: SP-13: S5->G3 but no change of rapporteur.

WG (prime / other): G1 / S5 rapporteur: TRUSS, Michael  
G: yes U: MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-06? 4 . 0 . 0  
smg-07 1993-06-25 4 . 1 . 0  
smg-08 1993-10-01 4 . 2 . 0  
smg-09 1994-01-21 4 . 3 . 0  
smg-11 1994-07-01 4 . 4 . 0  
smg-13 1995-01-27 4 . 5 . 0  
smg-16 1995-10-20 4 . 5 . 2  
ETSI publication 1998-05-28 4 . 5 . 4  
smg-21 4 . 6 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

WG (prime / other): G1 / S5 / S5  
rapporteur: YUHAN, Albert  
MCC: USAI, Paolino

T-Mobile USA Inc.

G: yes U:

remarks - general: SP-13: S5->G3 but no change of rapporteur.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-11 1994-07-01 4 . 0 . 0  
smg-13 1995-01-27 4 . 1 . 0  
PE88 1995-07-24 4 . 1 . 1  
smg-16 1995-10-20 4 . 1 . 2  
V100 1996-03-25 4 . 1 . 3  
ETSI publication 1996-09-04 4 . 1 . 4

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[get it](#)  
[get it](#)

## TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

Ph2 current version: 4.2.0

freeze\_meeting: smg-11b

remarks - general:

WG (prime / other): S5 / -

rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

smg-10 1994-04-15 4 . 0 . 0  
smg-11 1994-07-01 4 . 1 . 0  
smg-15 1995-07-07 4 . 2 . 0

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Ph2

TB .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph2 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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## TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2  
current\_version: none  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): MSG / -  
G: yes U:

rappporteur:  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29: 4.5.0  
(was originally 13.01)

history (event, available, version, comments, [hyperlink](#)):

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## TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2  
current\_version: none  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): MSG / -  
G: yes U:

rappporteur:  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

history (event, available, version, comments, [hyperlink](#)):

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## TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2  
current\_version: none  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / other): MSG / -  
G: yes U:

rappporteur:  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release: #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

history (event, available, version, comments, [hyperlink](#)):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph2 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

## TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2  
WG (prime / other): MSG / - rapporteur: GUTIERREZ MIGUELEZ, Cesar  
current version: none  
freeze\_meeting: smg-11b  
G: yes U:  
remarks - general: remarks - this release: #17: 4.0.0

history (event, available, version, comments, hyperlink):

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## Ph1-EXT

Ph1-EXT **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

### TS 03.20ext Security-related network functions (Ext)

Ph1-EXT  
current version: 3.0.0  
freeze\_meeting:  
WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, Sebastien France Telecom  
G: yes U: MCC: POPE, Maurice  
remarks - general: remarks - this release: #7: 3.0.0

history (event, available, version, comments, hyperlink):

smg-07 2003-09-01 3 . 0 . 0 addendum to 03.20 v3.3.2 [get it](#)

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Ph1-EXT **04** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-EXT 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.08ext Mobile radio interface layer 3 specification, part 1 (Ext)

Ph1-EXT current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): N1 / G2

rappporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

U: remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 extension to 04.08 v3.13.0

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## Ph1-EXT 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.08ext Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)

Ph1-EXT current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): G2 / -

rappporteur: ANDERSEN, Niels Peter

Skov

THOMASEN, Gert

QUALCOMM EUROPE S.A.R.L.

MCC: THOMASEN, Gert

U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1995-01-01 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-EXT 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)

Ph1-EXT  
current version: 3.0.0  
freeze\_meeting:

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
THOMASEN, Gert

G: yes U:

MCC: #7: 3.0.0  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0

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## Ph1-DCS

Ph1-DCS 02 .- series . Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.06dcs Types of Mobile Stations (MS) - DCS 1800

Ph1-DCS  
current version: 3.0.0  
freeze\_meeting:

WG (prime / other): S1 / -

rapporteur: WATSON, John VODAFONE Group Plc  
CLAYTON, Michael

G: yes U:

MCC: #7: 3.0.0  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

1995-01-01 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.11dcs Service accessibility (DCS 1800)

Ph1-DCS current version: 3.1.0

freeze\_meeting:

remarks - general:

WG (prime / other): S1 / - rapporteur: IBIDUN, Kunle ORANGE SA

G: yes U: MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

? 1994-05-10 3 . 0 . 0 illegible

smg-01 1994-05-10 3 . 0 . 1

ETSI publication 1995-01-01 3 . 1 . 0

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## Ph1-DCS 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

### TS 03.12dcs Location Registration Procedures (DCS 1800)

Ph1-DCS current version: 3.0.1

freeze\_meeting:

remarks - general:

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 2003-08-19 3 . 0 . 1

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## Ph1-DCS 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DCS current version: 3.1.0

freeze\_meeting:

remarks - general:

WG (prime / other): N1 / G2

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

U: remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 0 extension to 04.08 v3.13.0

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## Ph1-DCS 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

### TS 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DCS current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): G1 / -

rapporteur: JOKINEN, Harri

MCC: USAI, Paolino

NOKIA MOBILE PHONES

U: remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 based on 05.01 v3.3.2

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### TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DCS current version: 3.3.0

freeze\_meeting:

remarks - general:

WG (prime / other): G1 / -

rapporteur: SAMUELSSON, Mats

MCC: USAI, Paolino

Telefon AB LM Ericsson

U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 3 . 2 . 0

smg-08 1995-01-01 3 . 3 . 0 based on 05.05 v3.16.0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DCS current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): G1 / -

rapporteur: EL-SAIGH, Amer

USAI, Paolino

VODAFONE Group Plc

MCC:

remarks - this release:

G: yes U:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0

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## Ph1-DCS 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

### TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DCS current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter

Skov

THOMASEN, Gert

QUALCOMM EUROPE S.A.R.L.

MCC:

remarks - this release:

G: yes U:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0

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## Ph1-DCS 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1-DCS current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime / other): N4 / -

Gesellschaft für Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1993-03-03 3 . 0 . 0 based on 09.02 v3.8.0

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## TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DCS current version: Procedures and the Mobile Application Part (MAP) (DCS 1800) 3.0.0WG (prime / other): N4

TeliaSonera AB

rapporteur: KYMALAINEN, Kimmo

freeze\_meeting:

remarks - general:

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0

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Ph1-DCS **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph1-DCS 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DCS current version: 3.23.1

*freeze\_meeting:*

WG (prime / other): G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM

G3ne  
w/  
NP /  
T2 /  
SCP

G: yes U:

MCC: BAEV, Stoyan

remarks - this release:

remarks - general:

### history (event, available, version, comments, hyperlink):

smg-02	3	.	2	.	0			
smg-03	3	.	3	.	0			
smg-04bis	3	.	4	.	0			
smg-05	3	.	5	.	0			
smg-06	1995-06-28	3	.	6	.	0		
smg-07	1996-06-07	3	.	7	.	0		
smg-08	1996-06-07	3	.	8	.	0		
smg-09	1996-06-07	3	.	9	.	0		
smg-10	1996-06-07	3	.	10	.	0		
smg-11	1996-06-07	3	.	11	.	0		
smg-12	1996-06-07	3	.	12	.	0	based on 11.10 v3.19.0	
smg-13	1996-06-07	3	.	13	.	0		
ETSI publication	1996-12-01	3	.	23	.	1		

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ACTIVE specs Ph1-DCS 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DCS current version: 3.3.4

freeze\_meeting:

remarks - general:

WG (prime / other): T3 / -

G: yes U:

rappporteur: GUTHERY, Scott B.

MCC: THOMASEN, Gert

Mobile-Mind Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-02	3	.	2	.	0	
smg-04	3	.	3	.	0	
smg-08	3	.	3	.	1	
smg-09	3	.	3	.	2	
smg-11	3	.	3	.	3	
smg-12	1994-02-21	3	.	3	.	4

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## TS 11.20dcs GSM DCS 1800 Base Station Specification

Ph1-DCS current version: 3.13.0

freeze\_meeting:

remarks - general:

WG (prime / other): GP / NP

G: yes U:

rappporteur: VACANT,

MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	1995-01-01	3	.	13	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.40dcs DCS 1800 System Simulator conformity specification

Ph1-DCS current version: 3.3.0

freeze\_meeting:

remarks - general:

WG (prime / other): G3new/ - rapporteur:

G: yes U: BAEV, Stoyan

MCC:

remarks - this release: #4: 3.2.0 #11: 3.3.0

history (event, available, version, comments, hyperlink):

smg-04 3 . 2 . 0

smg-11 1995-11-13 3 . 3 . 0

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## Ph1

Ph1 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph1 current version: 3.1.0

freeze\_meeting:

remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

WG (prime / other): SP / - rapporteur:

G: yes U: MEREDITH, John M

MCC:

remarks - this release: POPE, Maurice ETSI Secretariat

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 3 . 0 . 0 Created from 41.103.

SP-21 2003-09-26 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph1 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.04 Abbreviations and acronyms

current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): GP / - rapporteur: CLAYTON, Michael  
G: yes U: USAI, Paolino EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

gsm-29 2 . 0 . 3  
smg-12 1994-10-07 3 . 0 . 0  
ETSI publication 1995-01-01 3 . 0 . 1

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## Ph1 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

### TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

current version: 3.2.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: CLAYTON, Michael NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-10 3 . 0 . 0  
ETSI publication 1995-01-01 3 . 0 . 1  
PT12 release 1992-02-15 3 . 2 . 0

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ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1  
current version: 3.2.0  
freeze\_meeting: gsm-25b  
WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

CEPT GSM doc 1990-01-15 3 . 1 . 1  
CEPT GSM doc 1991-07-15 3 . 2 . 0

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1  
current version: 3.4.1  
freeze\_meeting: gsm-25b  
WG (prime / other): S1 / -  
G: yes U:  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

CEPT GSM doc 1991-01-03 3 . 4 . 0  
edito 1998-07-22 3 . 4 . 1

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## TS 02.04 General on Supplementary Services

Ph1  
current version: 3.7.1  
freeze\_meeting: gsm-25b  
WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited  
remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

CEPT GSM doc 2001-08-31 3 . 6 . 1  
- 1998-07-24 3 . 7 . 0  
CEPT GSM doc 1991-01-03 3 . 7 . 1

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ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.06 Types of Mobile Stations (MS)

Ph1  
current version: 3.2.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John  
G: yes U: VODAFONE Group Plc

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

2001-08-31 3 . 1 . 0  
ETSI publication 1995-01-01 3 . 2 . 0

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## TS 02.07 Mobile Station (MS) Features

Ph1  
current version: 3.4.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John  
G: yes U: VODAFONE Group Plc

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

- 1994-05-10 3 . 3 . 0  
- 1994-05-10 3 . 4 . 0  
ETSI publication 1995-01-01 3 . 4 . 1

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## TS 02.09 Security aspects

Ph1  
current version: 3.1.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S3 / S1 / NP rapporteur: CHRISTOFFERSSON, Per  
G: yes U: TeliaSonera AB

POPE, Maurice

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 0

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# 3GPP specification status

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ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.11

### Service accessibility

current version: 3.7.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S1 / - rapporteur: IBIDUN, Kunle  
G: yes U: ORANGE SA

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

gsm-29 2001-08-30 3 . 5 . 0  
smg-01 2001-08-30 3 . 6 . 0  
ETSI publication 1995-01-01 3 . 7 . 0

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## TS 02.16

### International Mobile Station Equipment Identities (IMEI)

current version: 3.0.1

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: NOKIA Corporation

CLAYTON, Michael

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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## TS 02.17

### Subscriber Identity Module (SIM); Functional characteristics

current version: 3.2.0

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): T3 / S1 rapporteur: HOOKER, Philip  
G: yes U: ORANGE PCS LTD

THOMASEN, Gert

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

.. 2001-08-30 3 . 1 . 2  
ETSI publication 1995-01-01 3 . 2 . 0

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# 3GPP specification status

**TS 02.20** **Collection charges** / **WG (prime / other): S1 / rapporteur:** CLAYTON, Michael  
 Ph1 current version: 3.0.1 / **MCC:** CLAYTON, Michael  
 freeze\_meeting: gsm-25b  
 remarks - general: EMCOM Ltd  
 remarks - this release:

history (event, available, version, comments, hyperlink):  
06/05/1992: 1997-10-09 3 . 0 . 1

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**TS 02.30** **Man-machine Interface (MMI) of the Mobile Station (MS)**  
 Ph1 current version: 3.9.0 / **WG (prime / other): S1 / rapporteur:** JEAL, David  
 freeze\_meeting: gsm-25b / **MCC:** CLAYTON, Michael  
 remarks - general: VODAFONE Group Plc  
 remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 9 . 0

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**TS 02.40** **Procedures for Call Progress Indications**  
 Ph1 current version: 3.2.0 / **WG (prime / other): S1 / NP rapporteur:** DEOL, Amar  
 freeze\_meeting: gsm-25b / **MCC:** CLAYTON, Michael  
 remarks - general: Nortel Networks (USA)  
 remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 0

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# 3GPP specification status

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ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph1  
current version: 3.6.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
ORANGE SA  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 6 . 1

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## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph1  
current version: 3.6.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 6 . 1

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## Ph1 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

### TS 03.01 Network Functions

Ph1  
current version: 3.1.1  
freeze\_meeting: gsm-25b  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime / other): S2 / NP  
G: yes U:  
rapporteur: GAASVIK, Per-Ola  
MCC: BOSWARTHICK, David  
COMVIQ GSM AB  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 1

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# 3GPP specification status

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.02** **Network Architecture**  
Ph1  
current version: 3.1.4  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S2 / NP / T2  
G: yes U:  
MCC: BOSWARTHICK, David  
rapporteur: MILINSKI, Alexander+SIEMENS AG  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 4

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**TS 03.03** **Numbering, Addressing and Identification**  
Ph1  
current version: 3.6.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N4 / T2  
G: yes U:  
MCC: RUSSELL, Nick  
rapporteur: KYMALAINEN, Kimmo  
VODAFONE LTD  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 6 . 0

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**TS 03.04** **Signalling Requirements Relating to Routing of Calls to Mobile Subscribers**  
Ph1  
current version: 3.1.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N4 / SPAN / T2  
G: yes U:  
MCC: KYMALAINEN, Kimmo  
rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 0

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.05 Technical performance objectives

Ph1  
current version: 3.2.0  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): NP / -  
G: yes U:  
rapporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 0

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## TS 03.07 Restoration Procedures

Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 1

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## TS 03.08 Organization of Subscriber Data

Ph1  
current version: 3.7.0  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: KYMALAINEN, Kimmo  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 7 . 0

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TS 03.09**  
Ph1  
**Handover Procedures**  
current version: 3.2.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N1 / - rapporteur: FARHOUAMAND, Rouzbeh Ericsson Incorporated  
G: yes U: JURISIC, Andrijana  
MCC:   
remarks - this release:

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history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 1

## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

current version: 3.3.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC:   
remarks - this release:

history (event, available, version, comments, hyperlink):  
gsm4 2003-05-06 2 . 0 . 0 Jan 1988  
gsm4 2003-05-06 3 . 0 . 0 Feb 1988  
gsm4 2003-05-06 3 . 1 . 0 Jul 1988  
gsm4 2003-05-06 3 . 2 . 0 Nov 1988  
ETSI publication 1995-01-01 3 . 3 . 0

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## TS 03.11 Technical Realization of Supplementary Services - General Aspects

current version: 3.1.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen  
G: yes U: KYMALAINEN, Kimmo  
MCC:   
remarks - this release:

T-Mobile International AG

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 1

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.12 Location Registration Procedures

Ph1  
current version: 3.3.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N4 / -  
G: yes U:

rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 0

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph1  
current version: 3.0.2  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -  
G: yes U:

rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 2

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1  
current version: 3.0.2  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N1 / -  
G: yes U:

rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 2

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.20 Security-related network functions

Ph1  
current version: 3.3.2  
freeze\_meeting: gsm-25b

WG (prime / other): S3 / NP / GP / rapporteur: NGUYEN NGOC, Sebastien / France Telecom

G: yes U: POPE, Maurice / MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0  
ETSI publication 1995-01-01 3 . 3 . 2

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## TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1  
current version: 3.7.0  
freeze\_meeting: gsm-25b

WG (prime / other): T2 / - / rapporteur: ROEBKE, Matthias / T-MOBILE DEUTSCHLAND

G: yes U: HAN, Seung Don / MCC:

remarks - this release:

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

history (event, available, version, comments, hyperlink):

gsm4 2003-05-06 2 . 1 . 0 Sep 1988  
gsm4 2003-05-06 2 . 1 . 1 Nov 1988  
gsm4 2003-05-06 3 . 0 . 0 Apr 1989  
gsm4 2003-05-06 3 . 4 . 0 Jan 1990  
gsm4 2003-05-06 3 . 4 . 1 Oct 1990  
gsm4 2003-05-06 3 . 5 . 0 Feb 1992  
smg-08 1997-09-05 3 . 6 . 0  
smg-09 1995-01-01 3 . 7 . 0

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-SCB)

Ph1  
current version: 3.4.0

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): T2 / -

rapporteur: HARRIS, Ian  
HAN, Seung Don

Research In Motion Limited

G: yes U:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

gsm4	2003-05-06	1	.	1	.	1	.	1	Sep 1988
gsm4	2003-05-06	1	.	2	.	1	.	1	Nov 1988
gsm4	2003-05-06	2	.	0	.	0	.	0	Jan 1988 - rejected GSM-17b
gsm4	2003-05-06	3	.	2	.	0	.	0	Jan 1990
gsm4	2003-05-06	3	.	2	.	1	.	1	Oct 1990
gsm4	2003-05-06	3	.	3	.	0	.	0	Jan 1991
ETSI vote (second)	1995-01-01	3	.	4	.	0	.	0	available in PDF

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## TR 03.43 Support of Videotex

Ph1  
current version: 3.0.1

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): T2 / -

rapporteur: RODERMUND, Friedhelm  
Vodafone D2 GmbH

G: yes U:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

gsm4	2003-05-06	1	.	0	.	1	.	1	Jun 1988
ETSI publication	1995-01-01	3	.	0	.	1	.	1	

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

current version: 3.0.1  
freeze\_meeting: gsm-25b

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: HAN, Seung Don

MCC: HAN, Seung Don  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

gsm4 2003-05-06 1 . 0 . 0 Sep 1988  
gsm4 2003-05-06 1 . 1 . 0 Nov 1988  
gsm4 2003-05-06 2 . 0 . 0  
ETSI publication 1995-01-01 3 . 0 . 1

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

current version: 3.3.0  
freeze\_meeting: gsm-25b

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: HAN, Seung Don

MCC: HAN, Seung Don  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

gsm 2003-05-06 1 . 0 . 0 Sep 1988  
gsm 2003-05-06 2 . 0 . 0 Jan 1989  
smg-05 3 . 2 . 0  
ETSI publication 1995-01-01 3 . 3 . 0 exists in PDF only

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

current version: 3.2.1  
freeze\_meeting: gsm-25b

WG (prime / other): N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: HAN, Seung Don

MCC: HAN, Seung Don  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

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ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b  
remarks - general: SMG9->T3@#31

WG (prime / other): T3 / -  
G: yes U:  
rapporteur: BARNES, Nigel  
MCC: THOMASEN, Gert  
MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):  
1997-10-09 3 . 0 . 1

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph1  
current version: 3.4.0  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): S4 / -  
G: yes U:  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: #4: 3.2.2 #8: 3.3.0 #11: 3.4.0

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 4 . 0

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## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph1  
current version: 3.0.0  
freeze\_meeting: gsm-25b  
remarks - general: N3: "no R99 needed".

WG (prime / other): N3 / -  
G: yes U:  
rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
remarks - this release:

history (event, available, version, comments, hyperlink):

gsm4 2003-05-06 1 . 0 . 0 Jul 1988  
gsm4 2003-05-06 2 . 0 . 0 Sep 1988

ETSI publication 1995-01-01 3 . 0 . 0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: gsm-25b

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: gsm-25b

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 2

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

freeze\_meeting: gsm-25b

G: yes U:

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 04.04 Layer 1 - General Requirements

Ph1  
current version: 3.3.4  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG

G: yes U: THOMASEN, Gert

remarks - this release:

history (event, available, version, comments, hyperlink):

0 . 0 . 0  
ETSI publication 1995-01-01 3 . 3 . 4

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## TS 04.05 Data Link (DL) Layer General Aspects

Ph1  
current version: 3.1.5  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov THOMASEN, Gert

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 5

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Ph1  
current version: 3.9.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: Skov THOMASEN, Gert

MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph1  
current version: 3.3.3

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

G: yes U:

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 3

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## TS 04.08 Mobile radio interface layer 3 specification

Ph1  
current version: 3.14.0

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N1 / G2

MOTOROLA Ltd

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

remarks - this release:

G: yes U:

Secondary MCC: Gert

remarks - this release:

04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

Thomassen (even numbered CRs!)

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 13 . 0

ETSI publication 1997-09-15 3 . 14 . 0

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph1  
current version: 3.2.3

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N4 / -

rapporteur: ANDERSEN, Niels Peter

Skov

MCC: KYMALAINEN, Kimmo

QUALCOMM EUROPE S.A.R.L.

remarks - this release:

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 3

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# 3GPP specification status

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ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

WG (prime / other): N1 / - rapporteur: NOBUYUKI, Uda  
G: yes U: MCC: JURISIC, Andrijana  
NTT COMMWARE Corporation

remarks - this release: #5.3.3.0

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 0

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## TS 04.12 Short Message Service Cell Broadcast (SMS-Cell Broadcast) Support on the Mobile Radio Interface

WG (prime / other): G2 / T2 rapporteur: ANDERSEN, Niels Peter  
G: yes U: MCC: THOMASEN, Gert  
Skov  
QUALCOMM EUROPE S.A.R.L.

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

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---

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha  
G: yes U: MCC: HAN, Seung Don  
NOKIA Corporation

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

gsm4 2003-05-06 2 . 0 . 0 Feb 1988

gsm4 2003-05-06 3 . 0 . 0 Feb 1988

gsm4 2003-05-06 3 . 1 . 0 Jun 1988

ETSI publication 1995-01-01 3 . 4 . 0

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ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.22** Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services interface  
Ph1 current version: Switching Centre (BSS - MSC) interface N3  
SIEMENS AG 3.7.0 rapporteur: KLEHN, Norbert

freeze\_meeting: gsm-25b

remarks - general:

G: yes U:

MCC: HAN, Seung Don

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 7 . 0

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**TS 04.80** Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph1 current version: 3.2.0 N4 / - rapporteur: WIEHE, Ulrich  
freeze\_meeting: gsm-25b G: yes U: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 0

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**TS 04.82** Call Forwarding (CF) Supplementary Services; Stage 3

Ph1 current version: 3.1.3 N4 / - rapporteur: WIEHE, Ulrich  
freeze\_meeting: gsm-25b G: yes U: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1  
current version: 3.1.3  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 3

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## Ph1 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

### TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1  
current version: 3.3.2  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: JOKINEN, Harri  
MCC: USAI, Paolino  
NOKIA MOBILE PHONES  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 3 . 2

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### TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph1  
current version: 3.8.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -  
G: yes U:  
rapporteur: SEBIRE, Benoist  
MCC: USAI, Paolino  
NOKIA Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-15 3 . 7 . 0  
smg-16 1995-01-01 3 . 8 . 0

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ACTIVE specs Ph1 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.03

Ph1

### Channel coding

current version: 3.6.1

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoit  
USAI, Paolino

MCC: NOKIA Corporation

remarks - this release: #12: 3.6.1

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 6 . 1

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## TS 05.04

Ph1

### Modulation

current version: 3.1.2

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -

rapporteur: SEBIRE, Benoit  
USAI, Paolino

MCC: NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 05.05

Ph1

### Radio Transmission and Reception

current version: 3.16.0

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -

rapporteur: SAMUELSSON, Mats  
USAI, Paolino

MCC: Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-04 3 . 14 . 0

smg-06b 3 . 15 . 0

ETSI publication 1995-01-01 3 . 16 . 0

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ACTIVE specs Ph1 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.08 Radio subsystem link control

current version: 3.8.0

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -

rapporteur: EL-SAIGH, Amer

USAI, Paolino

VODAFONE Group Plc

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 8 . 0

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## TS 05.10 Radio subsystem synchronization

current version: 3.5.1

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -

rapporteur: JOKINEN, Harri

USAI, Paolino

NOKIA MOBILE PHONES

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-04 1995-01-01 3 . 5 . 1

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## Ph1 06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.01 Full Rate Speech Processing Functions

current version: 3.0.0

freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S4 / -

rapporteur: USAI, Paolino

USAI, Paolino

TELECOM ITALIA S.p.A.

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.10 Full Rate Speech Transcoding

Ph1  
current version: 3.2.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino

PHILIPS Semiconductors  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 0

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: NAVARRO, William  
MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S4 / -  
G: yes U:

rapporteur: SERENO, Daniele  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.  
remarks - this release:

history (event, available, version, comments, hyperlink):

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ACTIVE specs Ph1 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1  
WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: gsm-25b  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):  
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## TS 06.32 Voice Activity Detection (VAD)

Ph1  
WG (prime / other): S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
freeze\_meeting: gsm-25b  
Indicate persons who left Company and wait for new  
One  
MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
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Ph1 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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ACTIVE specs Ph1 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph1  
current version: 3.14.0  
freeze\_meeting: gsm-25b  
WG (prime / other): N3 / -  
G: yes U:  
rapporporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

gsm-20 3 . 2 . 0  
ETSI publication 1995-01-01 3 . 14 . 0

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph1  
current version: 3.8.0  
freeze\_meeting: gsm-25b  
WG (prime / other): N3 / -  
G: yes U:  
rapporporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - general:  
remarks - this release: #2: 3.8.0

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 8 . 0

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph1  
current version: 3.4.0  
freeze\_meeting: gsm-25b  
WG (prime / other): N3 / -  
G: yes U:  
rapporporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - general:  
remarks - this release: #5: 3.4.0

history (event, available, version, comments, hyperlink):

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Ph1 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.01 General Aspects on the BSS-MSC Interface

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1 [get it](#)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1  
current version: 3.3.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Ph1  
current version: 3.0.3  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
remarks - this release:

history (event, available, version, comments, hyperlink):

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ACTIVE specs Ph1 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.06** **Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Ph1 *current version:* 3.5.2 / - *rapporteur:* ANDERSEN, Niels Peter / - *WG (prime / other):* G2 / - QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
THOMASEN, Gert  
MCC:  
G: yes U: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 5 . 2

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**TS 08.08** **Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph1 *current version:* 3.10.1 / - *rapporteur:* ANDERSEN, Niels Peter / - QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
THOMASEN, Gert  
MCC:  
G: yes U: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 0 . 0  
ETSI publication 1995-01-01 3 . 10 . 1

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**TS 08.20** **Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**  
Ph1 *current version:* 3.1.2 / - *rapporteur:* RÄSÄNEN, Juha / - NOKIA Corporation  
*freeze\_meeting:* gsm-25b HAN, Seung Don  
MCC:  
G: yes U: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 1 . 2

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: gsm-25b

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Principles

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: gsm-25b

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

freeze\_meeting: gsm-25b

G: yes U:

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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ACTIVE specs Ph1 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.56 BSC-BTS Layer 2; Specification

Ph1  
current version: 3.1.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 1

[get it](#)

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## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1  
current version: 3.6.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels Peter  
Skov  
THOMASEN, Gert

G: yes U:  
MCC:  
remarks - this release: #10: 3.6.0

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0  
smg-10 1995-01-01 3 . 6 . 0

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## TS 08.59 BSC-BTS O&M Signalling Transport

Ph1  
current version: 3.1.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): G1 / -

rapporteur: VACANT,  
USAI, Paolino

G: yes U:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

Ph1  
WG (prime / other): G1 / -  
current version: 3.3.1  
freeze\_meeting: gsm-25b  
rapporteur: ANDERSEN, Niels Peter  
USAI, Paolino  
MCC: Skov  
USAI, Paolino

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - remarks - this release:  
> G1.

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 3 . 1

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## Ph1 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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### TR 09.01 General Network Interworking Scenarios

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph1 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

Ph1  
current version: 3.11.0  
freeze\_meeting: gsm-25b  
remarks - general: CN->N4 Apr00 (JMM)

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

remarks - this release:

### history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0  
ETSI publication 1991-02-11 3 . 8 . 0  
smg-10 1994-06-14 3 . 9 . 0  
1994-10-14 3 . 10 . 0  
ETSI publication 1995-01-01 3 . 11 . 0

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## TS 09.03 Signalling Requirements on Interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)

Ph1  
Freetel Co., Ltd.

3.0.1

WG (prime / other):

N3

/-

rapporteur:

HAN, Seung Don

KT

freeze\_meeting: gsm-25b

remarks - general: N3: "no R99 needed".

G: yes U:

MCC:

HAN, Seung Don

remarks - this release:

### history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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## TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general: N3: "no R99 needed".

G: yes U:

MCC:

HAN, Seung Don

rapporteur: HAN, Seung Don

KT Freetel Co., Ltd.

KT

### history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph1 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access

Ph1  
*current version:* 3.2.2  
*freeze\_meeting:* gsm-25b  
*remarks - general:* N3: "no R99 needed".

*WG (prime / other):* N3 / - *rapporteur:* HAN, Seung Don  
*MCC:* HAN, Seung Don

*G: yes U:* remarks - this release:

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 2 . 2

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## TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)

Ph1  
SIEMENS AG  
*freeze\_meeting:* gsm-25b  
*remarks - general:*

*WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas

*G: yes U:* *MCC:* HAN, Seung Don  
*remarks - this release:* #5: 3.8.0 #9: 3.9.0 #14: 3.10.0

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 10 . 0

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## TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1  
TeliaSonera AB  
*freeze\_meeting:* gsm-25b  
*remarks - general:*

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo

*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 0 . 0  
ETSI publication 1995-01-01 3 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.11 Signalling Interworking for Supplementary Services

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): N4 / -  
G:yes U:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 0 . 1

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Ph1 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10 Mobile Station Conformity Specification

Ph1  
current version: 3.23.1  
freeze\_meeting: gsm-25b

WG (prime / other): G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM  
G3ne  
w/  
NP /  
T2 /  
SCP

G: yes U: BAEV, Stoyan

MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

F	first complete draft	1992-01-01	1	.	0	.	0	.	0	.	0
gsm-27			3	.	1	.	0	.	0	.	0
gsm-28			3	.	2	.	0	.	0	.	0
gsm-29			3	.	3	.	0	.	0	.	0
gsm-30			3	.	4	.	0	.	0	.	0
gsm-31			3	.	5	.	0	.	0	.	0
gsm-32			3	.	6	.	0	.	0	.	0
smg-01			3	.	7	.	0	.	0	.	0
smg-02			3	.	8	.	0	.	0	.	0
smg-03			3	.	9	.	0	.	0	.	0
smg-04bis			3	.	10	.	0	.	0	.	0
smg-05			3	.	11	.	0	.	0	.	0
smg-06			3	.	12	.	0	.	0	.	0
smg-07			3	.	13	.	0	.	0	.	0
smg-08 ?		1996-01-01	3	.	14	.	0	.	0	.	0
smg-08		1996-06-07	3	.	15	.	0	.	0	.	0
smg-09		1996-06-07	3	.	16	.	0	.	0	.	0
smg-10		1996-09-02	3	.	17	.	0	.	0	.	0
smg-11		1996-09-02	3	.	18	.	0	.	0	.	0
smg-12		1966-09-02	3	.	19	.	0	.	0	.	0
smg-13		1996-06-28	3	.	20	.	0	.	0	.	0
smg-15			3	.	21	.	0	.	0	.	0
smg-16		1996-01-01	3	.	22	.	0	.	0	.	0
smg-20		1996-10-16	3	.	23	.	0	.	0	.	0
ETSI publication		1996-12-30	3	.	23	.	1	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: THOMASEN, Gert  
freeze\_meeting: gsm-25b  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 3  
ETSI publication 1995-01-01 3 . 16 . 0

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[get it](#)

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## TS 11.30 Mobile Services Switching Centre

WG (prime / other): GP / - rapporteur: VACANT,  
G: yes U: USAI, Paolino  
freeze\_meeting: gsm-25b  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

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## TS 11.31 Home Location Register Specification

WG (prime / other): GP / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: gsm-25b  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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ACTIVE specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.32 Visitor Location Register Specification

Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): GP / - rapporteur:  
G: yes U: MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 1

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## TS 11.40 GSM System Simulator specification

Ph1  
current version: 3.7.0  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): G3new/ - rapporteur:  
G: yes U: MCC: BAEV, Stoyan  
remarks - this release: #2: 3.6.0 #11: 3.7.0

history (event, available, version, comments, hyperlink):  
ETSI publication 1996-01-01 3 . 3 . 0  
smg-02 3 . 6 . 0  
smg-11 1996-01-01 3 . 7 . 0

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Ph1 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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ACTIVE specs Ph1 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1  
current\_version: none  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): S5 / rapporteur: TRUSS, Michael  
G: U: yes U: yes MCC: ZOICAS, Adrian  
MOTOROLA Ltd  
remarks - this release:

*history (event, available, version, comments, hyperlink):*

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## Ph1 TB .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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### TS TBR 5 General Attachment Requirements for GSM Mobile Stations

Ph1  
current\_version: none  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): MSG / - rapporteur: FREEMAN, David  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar  
MOTOROLA  
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

*history (event, available, version, comments, hyperlink):*

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### TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1  
current\_version: none  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / other): MSG / - rapporteur: FREEMAN, David  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar  
MOTOROLA  
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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## 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

**TS 22.167** (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)  
current version: none / rapporteur: ZARRI, Michele T-Mobile International AG  
freeze\_meeting: S1 / MCC: CLAYTON, Michael  
G: U: yes remarks - this release:

history (event, available, version, comments, hyperlink):

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## 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.167** (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)  
current version: none / rapporteur: N, A Indicate persons who left Company and wait for new  
freeze\_meeting: S2 / MCC: BOSWARTHICK, David One  
G: U: yes remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs <?> 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## WITHDRA specs

<?>

<?> **34** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

TR **34.801** (reserved for T1 RF group)

<?> current version: none

freeze\_meeting:

remarks - general: 2002-09-16: -> 34.901.

WG (prime / other): T1 / rapporteur: N, A Indicate persons who left Company and wait for new One

G: U: yes MCC: BAEV, Stoyan

remarks - this release:

history (event, available, version, comments, hyperlink):

## Rel-7

Rel-7 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.904 Support of SMS and MMS over generic 3GPP IP access

Rel-7

WG (prime / other): S2 /

rapporteur: ZHANG, Wenlin

MCC: BOSWARTHICK, David

G:

U: yes

remarks - this release:

SP-25: WI in SP-040688. Post-SP-25, number changed to 23.804.

*history (event, available, version, comments, hyperlink):*

## Rel-7 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

### TR 25.997

Rel-7

(provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.

current version: none

freeze\_meeting:

WG (prime / other): R3 / -

rapporteur: HAUSER, Andreas

MCC: CALDENHOVEN, Juergen

G:

U: yes

remarks - general: RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a xx.8xx number instead. RP-20: confirmed, so this one stopped  
remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7.

*history (event, available, version, comments, hyperlink):*

## Rel-6

Rel-6

21 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)

Rel-6 WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: none G: U: yes MCC: POPE, Maurice  
remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 6 remarks - this release: SP-20: Superseded by 21.101 Rel-4. specifications". SP-20: Superseded by 21.101 Rel-4.

*history (event, available, version, comments, hyperlink):*

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## Rel-6 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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### TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-6 WG (prime / other): T3 / S3 rapporteur: BARNES, Nigel MOTOROLA Ltd  
freeze\_meeting: TP-26 G: yes U: yes MCC: THOMASEN, Gert  
remarks - general: TP-12: was previously 42.048. remarks - this release: Rel-6 record created on freezing the Release, December 2004. TP-26: decided no need for this spec beyond Rel-6 since subsumed by ETSI TS 102 224.

*history (event, available, version, comments, hyperlink):*

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### TR 22.976 Study on PS domain services and capabilities

Rel-6 WG (prime / other): S1 / - rapporteur: CATALDO, Mark Openwave Systems (N.I.) Ltd  
freeze\_meeting: none G: U: yes MCC: CLAYTON, Michael  
remarks - general: 2003-04-07 Clayton: scrapped. remarks - this release: 2003-04-07 Clayton: scrapped.

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 2 . 0 . 0 SP-19: txverred from Rel-5 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

Rel-6 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.209 Policy control over Gq interface

Rel-6 current version: none  
freeze\_meeting:

remarks - general: W1 = IMS Phase 2 (UID 32021). 2004-02-20: responsibility N3 -> S2. 2004-04: S2 chairman indicates that there is no such spec (see 29.209).  
WG (prime / other): S2 / N3  
G: U: yes  
rapporteur: SILLANPÄÄ, Anna  
MCC: BOSWARTHICK, David  
NOKIA Corporation  
remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)

Rel-6  
WG (prime / other): N4 / T2  
current version: none  
freeze\_meeting: U: yes  
T-Mobile International AG  
rapporteur: KOZA, Yvette  
MCC: KYMALAINEN, Kimmo  
remarks - general: Cf work item "Generic user profile". NP-24/TP-24: txferred from T2 to N4. 2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941. NP-26: withdrawal confirmed.  
remarks - this release: RP-15: Delayed from Rel-5. 2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941. NP-26: withdrawal confirmed.

### history (event, available, version, comments, hyperlink):

draft	2002-05-28	0	3	0	<a href="#">get it</a>
draft		0	3	1	
draft		0	3	2	
draft		0	3	3	
draft		0	3	4	
draft		0	3	5	
draft		0	4	0	
draft		0	4	1	
draft		0	4	2	
draft		0	4	3	
TP-22	2004-01-05	1	0	0	TP-030271
draft		1	0	1	T2-040021
TP-23 ex T2-24	2004-03-22	2	0	0	T2-040109 -> TP-040051
TP-23	2004-03-25	6	0	0	<a href="#">get it</a>
TP-24	2004-06-15	6	1	0	<a href="#">get it</a>

## TS 23.340

Rel-6  
WG (prime / other): S2 /  
current version: none  
freeze\_meeting: U: yes  
Indicate persons who left Company and wait for new One  
BOSWARTHICK, David  
MCC: BOSWARTHICK, David  
remarks - this release: remarks - this release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)  
WITHDRAWN specs Rel-6 23 .- series

**TR 23.825** Overall architecture aspects of IP flow based bearer level charging; Stage 2  
Rel-6 current version: none  
freeze\_meeting: U: yes  
remarks - general: WI UID = 32030. SP-23: withdrawn, on bringing of 23.125 under change  
WG (prime / other): S2 / -  
G: U: yes  
rapporteur: WILLIAMS, Brian  
MCC: BOSWARTHICK, David  
Telefon AB LM Ericsson

## history (event, available, version, comments, hyperlink):

draft				0	.	1	.	0	
S2-29				0	.	2	.	0	
S2-30	2003-04-08			0	.	3	.	0	<a href="#">get it</a>
S2-31	2003-07-17			0	.	4	.	0	<a href="#">get it</a>
draft				0	.	4	.	1	
S2-32	2003-06-02			0	.	5	.	0	<a href="#">get it</a>
S2-33				0	.	6	.	0	
draft	2003-07-24			0	.	6	.	1	
S2-34	2003-09-01			0	.	7	.	0	
SP-21	2003-09-11			1	.	0	.	0	SP-030389
S2-35	2003-11-07			1	.	1	.	0	<a href="#">get it</a>
S2-36	2004-01-03			1	.	2	.	0	<a href="#">get it</a>
S2-36	2004-01-03			1	.	3	.	0	<a href="#">get it</a>
S2-37	2004-01-27			1	.	4	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.876

Rel-6 **Push architecture**

current version: none  
freeze\_meeting: 2003-02-04: -> 23.976  
remarks - general: 2003-02-04: -> 23.976

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: YOON, Sang-Ui  
MCC: BOSWARTHICK, David  
KT Freetel Co., Ltd.  
remarks - this release: 2003-02-04: -> 23.976

history (event, available, version, comments, hyperlink):

S2-29	0	.	0	.	0	
S2-29	2003-02-03	0	.	0	.	1 2003-02-04: -> 23.976
S2-31	0	.	1	.	0	<a href="#">get it</a>
S2-32	0	.	2	.	0	
S2-33	0	.	3	.	0	
S2-34	0	.	4	.	0	
S2-35	2003-11-06	0	.	5	.	<a href="#">get it</a>

## TR 23.878

Rel-6 **Impacts of speech-enabled services on IMS, PS and CS domains**

current version: none  
freeze\_meeting: 2003-10-13: Turns out to be same document as 23.877.  
remarks - general: SP-31: WI = SP-030539 2003-10-13: Turns out to be same document as 23.877.

WG (prime / other): S2 /  
G: U: yes  
rapporteur: XUAN, Qing  
MCC: BOSWARTHICK, David  
VODAFONE Group Plc  
remarks - this release: 2003-10-13: Turns out to be same document as 23.877.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.881 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-6 current version: none WG (prime / other): S2 / rapporteur: MILINSKI, Alexander SIEMENS AG

freeze\_meeting: U: yes G: U: yes MCC: BOSWARTHICK, David

remarks - general: SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert to remarks - this release: 23.981. Agreed at S2-39.

### history (event, available, version, comments, hyperlink):

draft	2003-10-14	0	.	0	.	0		<a href="#">get it</a>
S2-35	2003-11-03	0	.	1	.	0		<a href="#">get it</a>
S2-36	2004-01-03	0	.	2	.	0		<a href="#">get it</a>
S2-37	2004-01-26	0	.	3	.	0		<a href="#">get it</a>
S2-38		0	.	4	.	0		
SP-23	2004-03-22	1	.	0	.	0		<a href="#">get it</a>

SP-040048. Next appearance is as 23.981.

## TR 23.898 Access Class Barring and Overload Protection (ACBOP)

Rel-6 current version: none

freeze\_meeting:

WG (prime / other): S2 / - rapporteur: DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.

G: U: yes MCC: BOSWARTHICK, David

remarks - general: SP-23: WI = SP-040042. SP-25: approval expected SP-26 or SP-27. remarks - this release: post SP-25: Work item to which this TR pertains is Rel-7, so this TR must therefore be Rel-7!

### history (event, available, version, comments, hyperlink):

SP-24	2004-06-14	1	.	0	.	0		<a href="#">get it</a>
S2-41		1	.	1	.	0		<a href="#">get it</a>
S2-42	2004-10-26	1	.	2	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.917 Dynamic policy control enhancements for End to end Quality of Service (QoS)

Rel-6 / - rapporteur: MOUSSET, Claire NORTEL NETWORKS (EUROPE)

current version: none  
freeze\_meeting: U: yes

MCC: BOSWARTHICK, David

remarks - general: Work Item: SP-020140

remarks - this release: SP-23: likely to be abandoned. SP-24: stopped, because contents is all in 23.207.

### history (event, available, version, comments, hyperlink):

draft	2002-08-07	0	0	0	<a href="#">get it</a>
draft	2002-09-24	0	1	0	<a href="#">get it</a>
draft	2002-09-24	0	2	0	<a href="#">get it</a>
draft	2002-11-14	0	3	0	<a href="#">get it</a>
draft	2002-11-14	0	3	1	<a href="#">get it</a>
S2-28	2002-12-16	0	4	0	<a href="#">get it</a>
draft	2002-12-16	0	4	1	<a href="#">get it</a>
S2-29	2003-02-13	0	5	0	<a href="#">get it</a>
S2-29	2003-02-13	0	5	1	<a href="#">get it</a>
S2-30	2003-04-29	0	6	0	<a href="#">get it</a>
S2-31	2003-04-22	0	7	0	<a href="#">get it</a>
includes S2-031354, S2-031534, S2-031598					
S2-33	2003-07-24	0	9	0	<a href="#">get it</a>
S2-34	2003-09-02	0	10	0	<a href="#">get it</a>
SP-21	2003-09-11	1	0	0	SP-030386
S2-35	2003-11-12	1	1	0	<a href="#">get it</a>
draft	2003-11-17	1	1	1	<a href="#">get it</a>
S2-37	2004-01-22	1	2	0	<a href="#">get it</a>

## TR 23.964 Commonality and interoperability between IP Multimedia System (IMS) core networks

Rel-6 / - rapporteur: BERTENYI, Balazs NOKIA Corporation

MCC: BOSWARTHICK, David

G: U: yes

remarks - general: 2003-02-03: Renumbered to 23.864.

remarks - this release: 2003-02-03: Renumbered to 23.864.

### history (event, available, version, comments, hyperlink):

S2-29	2003-02-03	0	3	1	Renumbered to 23.864
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

Rel-6 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.802 Remote control of electrical tilting antennas

Rel-6 current version: none  
freeze\_meeting:  
remarks - general: RP-19: WI = RP-030193. WI UID = 23010

WG (prime / other): R3 / -  
G: U: yes

rappporteur: HAUSER, Andreas  
MCC: CALDENHOVEN, Juergen  
Vodafone D2 GmbH

remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7. RP-21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)

history (event, available, version, comments, hyperlink):

R3-36	0	.	1	.	0	
R3-37	0	.	1	.	1	
R3-37	0	.	2	.	0	
R3-38	0	.	2	.	1	<a href="#">get it</a>
R3-39	0	.	3	.	0	
R3-39	0	.	3	.	1	<a href="#">get it</a>
R3-40	0	.	3	.	2	R3-031851
R3-41	0	.	4	.	0	
R3-41b	0	.	4	.	1	
R3-41b	0	.	4	.	2	
R3-41b	0	.	4	.	3	R3-040670
RP-24	1	.	0	.	0	RP-040185
RP-25	2	.	0	.	0	RP-040305
RP-25	6	.	0	.	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks

Rel-6 WG (prime / other): R4 /

G: U: yes

rapporteur: MATARASSO Carlo Mikom - Andrew  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general: 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6. RP-24:  
abandoned due to lack of interest.

history (event, available, version, comments, hyperlink):

RP-14 2002-01-02 1 . 0 . 0 inherited from Rel-5

[get it](#)

---

## TR 25.869 Transmitter diversity solutions for multiple antennas

Rel-6 WG (prime / other): R1 / -

G: U: yes

rapporteur: KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.  
MCC: ISHII, Yoshikazu

remarks - general: RP-24: Superseded by other work (MIMO).

history (event, available, version, comments, hyperlink):

RP-15 2002-03-19 1 . 0 . 2 RP-020130 - RP-20: to Rel-6

draft 1 . 1 . 0

draft 1 . 1 . 1

draft 2003-09-30 1 . 2 . 0 R1-030946

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.876 Multiple Input Multiple Output (MIMO) antennae in UTRA

Rel-6 current version: none

freeze\_meeting:

remarks - general: RP-20: reference to HSDPA removed from title

WG (prime / other): R1 /

G: U: yes

rappporteur: HUANG, Howard

MCC: ISHII, Yoshikazu

Lucent Technologies

remarks - this release: Timed out of Rel-5. 2004-11-04: Timed out of Rel-6, must be Rel-7.

history (event, available, version, comments, hyperlink):

R1-34	2003-11-03	1	.	1	.	1
post R1-34	2003-11-26	1	.	2	.	0
R1-36	2004-02-26	1	.	2	.	1
post R1-36	2004-02-26	1	.	3	.	0
						R1-040366: many editorial problems yet to be fixed
R1-37	2004-05-07	1	.	3	.	1
RP-24	2004-05-24	1	.	4	.	0
draft	2004-05-26	1	.	5	.	0
R1-38	2004-08-30	1	.	5	.	1

## TR 25.893 Radio access bearer scenarios

Rel-6 current version: none

freeze\_meeting:

remarks - general: 2003-05-26: to be stopped.

WG (prime / other): R2 / -

G: U: yes

rappporteur: MIKOLA, Juha

MCC: ARZELIER, Claude

NOKIA Corporation

remarks - this release: RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).  
2003-09-10 R2 proposes to abandon. RP-21: stopped

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.897 Feasibility study on the evolution of UTRAN architecture

Rel-6 current version: none

freeze\_meeting:

remarks - general: RP-26: item stopped, work will be done in Rel-7 UTRAN evolution activity.

WG (prime / other): R3 / -

G: U: yes

rappporteur:

MCC:

KEKKI, Sami

CALDENHOVEN, Juergen

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2003-01-24 0 . 1 . 1

R3-36 2003-08-19 0 . 2 . 1

R3-38 2003-11-06 0 . 3 . 1 R3-031555

[get it](#)

[get it](#)

[get it](#)

## TR 25.909 Enhanced uplink UTRA FDD; UTRAN lub/lur protocol aspects

Rel-6 current version: none

freeze\_meeting:

remarks - general: 2004-08-04: Spec number reserved when initial draft received. 2004-08-27: WG indicates that no formal TR will be produced.

WG (prime / other): R3 /

G: U: yes

rappporteur:

MCC:

STOJANOVSKI, Sašo

CALDENHOVEN, Juergen

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-08-04 0 . 0 . 1

[get it](#)

## TR 25.998

Rel-6 current version: none

freeze\_meeting:

remarks - general: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion of this TR, so stopped.

WG (prime / other): R2 /

G: U: yes

rappporteur:

MCC:

FAUCONNIER, Denis

ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

rappporteur's first 0 . 0 . 0

draft

second draft with 2004-02-06 0 . 0 . 1 R2-040403, RP-040080

MCC revisions

agreed by

rappporteur

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

Rel-6 27 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

**TS 27.150** (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")  
Rel-6 current version: none / - rapporteur: MUDGE, John VODAFONE Group Plc  
freeze\_meeting: U: yes G: HAN, Seung Don MCC:  
remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional remarks - this release: provisional TP-18: rapporteur not confirmed.

history (event, available, version, comments, hyperlink):

Rel-6 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.199** (Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services)  
Rel-6 current version: none / - rapporteur: VAN RIJSEN, Erwin Telefon AB LM Ericsson  
freeze\_meeting: U: yes G: ZOICAS, Adrian MCC:  
remarks - general: SP-24: split into parts. remarks - this release:

history (event, available, version, comments, hyperlink):

draft	0	0	1		
draft	0	0	2		
draft	0	0	3		
NP-22	2003-11-14	1	0	0	NP-030552
draft	2004-01-12	1	0	1	Added W3C WSDL representation of the APIs

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

Rel-6 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-6 current version: none

freeze\_meeting:

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32.42x and 52.008.

WG (prime / other): S5 / NP

G: U: yes

rapporteur: RONKA, Kari

MCC: ZOICAS, Adrian

NOKIA Corporation

history (event, available, version, comments, hyperlink):

## TS 32.350

Rel-6 current version: none

freeze\_meeting:

remarks - general: W1 = OAM-NIM (UID 35014) 2003-12-05: S5 states that all contents moved to 32.351.

## Telecommunication management; Communication Surveillance (CS) requirements

WG (prime / other): S5 / -

G: yes U: yes

rapporteur: LI, Yewen

MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

history (event, available, version, comments, hyperlink):

SP-21 2003-09-29 1 . 0 . 0 SP-030422. 2003-12-05: S5 states that [get it](#) all contents moved to 32.351.

## TS 32.431

Rel-6 current version: none

freeze\_meeting:

remarks - general:

## Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements

WG (prime / other): S5 / -

G: U: yes

rapporteur: TOCHE, Christian

MCC: ZOICAS, Adrian

remarks - this release: SP-25: Timed out of Rel-6

NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):

SP-24 2004-06-14 1 . 0 . 0 SP-040274 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: WITHDRAWN specs Rel-6 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.433** **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian  
*freeze\_meeting:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-7.

*history (event, available, version, comments, hyperlink):*

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**TS 32.731** **Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan  
*freeze\_meeting:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

*history (event, available, version, comments, hyperlink):*

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**TS 32.732** **Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-6 *current version:* Information Service (IS) *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan  
Technologies Network Systems UK  
*freeze\_meeting:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: WITHDRAWN specs Rel-6 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.733** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common  
Rel-6 current version: Object Request Broker Architecture (CORBA) Solution Set (SS) none/WG (prime / other): S5 RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release: SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

history (event, available, version, comments, hyperlink):

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**TS 32.734** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common  
Rel-6 current version: Management Information Protocol (CMIP) Solution Set (SS) none/WG (prime / other): S5 RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release: SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

history (event, available, version, comments, hyperlink):

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**TS 32.735** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-6 current version: eXtensible Markup Language (XML) file format definition none/WG (prime / other): S5 RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release: SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

Rel-6 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33-109 Bootstrapping of application security using AKA and support for subscriber certificates; System description

Rel-6 current version: none WG (prime / other): S3 / - rapporteur: HAUUKA, Tao NOKIA Corporation  
freeze\_meeting: none G: U: yes MCC: POPE, Maurice  
remarks - general: W1 = SEC1-SC (UID 33002) remarks - this release: S3-30: to be split into four separate documents.

history (event, available, version, comments, hyperlink):

S3-27 0 . 1 . 0  
S3-28 0 . 2 . 0  
S3-29 2003-09-11 0 . 3 . 0 [get it](#)

## TR 33-878 Security aspects of early IMS

Rel-6 current version: none WG (prime / other): S3 / - rapporteur: HOWARD, Peter VODAFONE Group Plc  
freeze\_meeting: none G: U: yes MCC: POPE, Maurice  
remarks - general: SP-25: W1 = SP- 040691. SP-26: Converted to 33.978. remarks - this release:

history (event, available, version, comments, hyperlink):

based on input 0 . 0 . 1  
from S3-040264  
and S3-040265  
S3-34 0 . 0 . 2  
draft 2004-10-26 0 . 0 . 3  
SP-26 2004-12-21 1 . 0 . 0 SP-040866 for approval; not approved, [get it](#)  
becomes 33.978 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: WITHDRAWN specs Rel-6 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

## TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6  
current version: none  
freeze\_meeting: none  
WG (prime / other): S3 / rapporteur: N, A  
Indicate persons who left Company and wait for new One  
G: U: yes MCC: POPE, Maurice

remarks - general: W1 = NDS Authentication Framework (approved SP-16). 2002-07-22: remarks - this release:  
decided not to publish, so -> 33.810.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.917 (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces

Rel-6  
current version: none  
freeze\_meeting:  
WG (prime / other): S3 / -  
G: yes U: yes  
MCC: YAQUB, Raziq  
POPE, Maurice  
Toshiba Corporation, Digital Media Network Company  
remarks - general: Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that the TR is to be internal, so number changed to 33.817.  
remarks - this release: Original WID = SP-030341 2003-11-26: S3 Secretary indicates that the TR is to be internal, so number changed to 33.817.

### history (event, available, version, comments, hyperlink):

draft 0 . 0 . 1  
Requirements & threat analysis added 0 . 0 . 2

More expansion on Issues 1, 4 and 5. 0 . 4 . 0

Reference Architecture added. Also other updates.

Further comments incorporated and also some editorial improvements 0 . 5 . 0

Some comments accommodated, and editorial changes, clean up done 2003-07-25 0 . 6 . 0 TR number awarded. [get it](#)

draft 2003-10-13 0 . 7 . 0  
2003-11-03 0 . 7 . 3 [get it](#)  
[get it](#)

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Rel-6 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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## TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)

Rel-6 WG (prime / other): SP / -  
current version: none  
freeze\_meeting: SP-26  
G: yes U:

rappporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - general: post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101  
remarks - this release: SP-20: Superseded by 41.101 Rel-6.

history (event, available, version, comments, hyperlink):

---

## TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 WG (prime / other): G1 /  
current version: none  
freeze\_meeting:

rappporteur: GROSS, Robert TruePosition Inc.  
MCC: USAI, Paolino

remarks - general: Renumbered to 45.811.  
remarks - this release: Renumbered to 45.811.

history (event, available, version, comments, hyperlink):

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## Rel-6 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6 WG (prime / other): T3 / -  
current version: none  
freeze\_meeting:

rappporteur: DIETRICH, Christian Axalto S.A.  
MCC: THOMASEN, Gert

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.  
remarks - this release: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102 240.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-6 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

Rel-6 **45** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

**TS 45.202** reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): G1 / - rapporteur: SEBIRE, Benoist  
G: yes U: USAI, Paolino NOKIA Corporation  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

Rel-6 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

**TR 49.994** Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-6 current version: none

freeze\_meeting:

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter  
G: yes U: Skov QUALCOMM EUROPE S.A.R.L.  
MCC: JURISIC, Andrijana

history (event, available, version, comments, hyperlink):

Rel-6 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

**TS 55.226** Specification of the A5/4 encryption algorithms for GSM and ECSD, and the GEA4 encryption algorithm for GPRS; Document 1: A5/4 and GEA4 specification

Rel-6  
current version: none  
freeze\_meeting:

WG (prime / other): S3 /

rappporteur: CHRISTOFFERSSON, PerTeliaSonera AB

G: yes U:

MCC: POPE, Maurice

remarks - general: Work item UID = 1571 (SEC1)

remarks - this release: SP-23: likely that this will -> Rel-7. SP-24: agreed to shift to Rel-7.

history (event, available, version, comments, hyperlink):

draft	0	.	1	.	0	
SP-23	2004-03-22	1	.	0	.	0

SP-040170 - draft not available on specs [get it](#)  
server due to French export control  
restrictions

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## Rel-5

Rel-5 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5  
current version: none  
freeze\_meeting: SP-16

remarks - general: SP-20: Superseded by 21.101 Rel-5.

WG (prime / other): SP / -  
G: U: yes

rapporteur: MEREDITH, John M  
MCC: POPE, Maurice

ETSI Secretariat

remarks - this release: SP-20: Superseded by 21.101 Rel-5.

history (event, available, version, comments, hyperlink):

SP-12	2001-07-05	0	0	0	0	SP-010275
SP-12	2001-07-05	0	1	1	0	SP-010381
SP-13	2001-10-01	1	0	0	0	SP-010418
SP-15	2002-03-19	1	1	1	0	SP-020095
SP-15	2002-03-19	1	2	2	0	SP-020202
SP-16		2	0	0		
SP-16		2	1	1	0	SP-020274
SP-16		2	2	2	0	SP-020401
SP-16	2002-06-19	5	0	0	0	SP-020411
SP-17	2002-09-18	5	1	1	0	
SP-18	2003-01-03	5	2	2	0	
SP-19	2003-03-27	5	3	3	0	
SP-20	2003-06-25	5	4	4	0	withdrawn -> 21.101

## TR 21.877

Rel-5  
current version: none  
freeze\_meeting: SP-16

WG (prime / other): S2 / -  
G: U: yes

rapporteur: LAUTIER, Laurence  
MCC: BOSWARTHICK, David

NORTEL NETWORKS (EUROPE)

remarks - this release: SP-20: -> Rel-6.

history (event, available, version, comments, hyperlink):

draft	2002-04-15	0	2	2	0	
draft	2002-08-14	0	4	4	0	
draft	2002-09-17	0	5	5	0	
draft	2002-12-16	0	6	6	0	
draft	2003-02-24	0	7	7	0	-> Rel-6

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

Rel-5 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.141 Presence service; Stage 1

Rel-5  
current version: none  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): S1 / -  
G: U: yes  
rapporteur: WOHLERT, Randolph  
MCC: CLAYTON, Michael  
SBC Technology Resources Inc.  
remarks - this release: SP-16: moved to Rel-6

history (event, available, version, comments, hyperlink):

SP-12	2001-06-27	1	0	0	0	SP-010364 (replaces SP-010265)	<a href="#">get it</a>
SP-13	2001-10-01	2	0	0	0	SP-010444	<a href="#">get it</a>
SP-13	2001-10-05	5	0	0	0		<a href="#">get it</a>
SP-14	2002-01-10	5	1	0	0		<a href="#">get it</a>
SP-15	2002-03-28	5	2	0	0	TP-16: moved to Rel-6	<a href="#">get it</a>

## TS 22.146

### Multimedia Broadcast/Multicast Service (MBMS); Stage 1

Rel-5  
current version: none  
freeze\_meeting: SP-15

remarks - general:

Replaces 22.946. Note that stage 2 is 23.246.

WG (prime / other): S1 /  
G: U: yes  
rapporteur: JARVIS, Andre  
MCC: CLAYTON, Michael  
Hutchison 3G UK Ltd (3)

remarks - this release: SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.

history (event, available, version, comments, hyperlink):

SP-13	2001-10-01	2	0	0	0	SP-010443	<a href="#">get it</a>
SP-13	2001-10-05	5	0	0	0		<a href="#">get it</a>
SP-14	2002-01-10	5	1	0	0		<a href="#">get it</a>
SP-15	2002-03-28	5	2	0	0	SP-16: withdrawn.	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

**TS 22.174 Push service; Stage 1**  
Rel-5 current version: none  
freeze\_meeting: SP-15  
remarks - general:

WG (prime / other): S1 /  
G: yes U: yes  
rapporteur: WATSON, John  
MCC: CLAYTON, Michael  
VODAFONE Group Plc  
remarks - this release: SP-15: Timed out of Rel-5.

history (event, available, version, comments, hyperlink):

**TS 22.240 Service requirements for 3GPP Generic User Profile (GUP); Stage 1**

Rel-5 current version: none  
freeze\_meeting: SP-15  
remarks - general: Cf work item 'Generic user profile'

WG (prime / other): S1 /  
G: U: yes  
rapporteur: BISCHINGER, Kurt  
MCC: CLAYTON, Michael  
T-Mobile AUSTRIA GmbH  
remarks - this release: SP-15: Delayed to Rel-6

history (event, available, version, comments, hyperlink):  
draft 0 . 5 . 0 S1-020186

**TS 22.243 Speech recognition framework for automated voice services; Stage 1**

Rel-5 current version: none  
freeze\_meeting: SP-15  
remarks - general: WI UID = 31006

WG (prime / other): S1 /  
G: yes U: yes  
rapporteur: WILLIAMS, David Hugh  
MCC: CLAYTON, Michael  
QUALCOMM EUROPE S.A.R.L.  
remarks - this release: SP-15: Delayed to Rel-6.

history (event, available, version, comments, hyperlink):  
S1 draft 0 . 0 . 2  
SP-14 2002-01-02 1 . 0 . 0 SP-010680

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.928 IP-based multimedia services examples

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* 2003-04-07 Clayton: scrapped.

*WG (prime / other):* S1 /  
*G:* U: yes  
*rappporteur:* CATALDO, Mark  
*MCC:* CLAYTON, Michael  
*Openwave Systems (N.I.) Ltd*  
*remarks - this release:* 2003-04-07 Clayton: scrapped.

*history (event, available, version, comments, hyperlink):*

---

## TR 22.941 IP based multimedia framework; Stage 0

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* 2003-04-07 Clayton: scrapped.

*WG (prime / other):* S1 /  
*G:* U: yes  
*rappporteur:* WOHLERT, Randolph  
*MCC:* CLAYTON, Michael  
*SBC Technology Resources Inc.*  
*remarks - this release:* TP-16: likely to drop out of Rel-5 if no progress soon. SP-18: annex C presented at "evolution" workshop (EV-020021). 2003-04-07 Clayton: scrapped.

*history (event, available, version, comments, hyperlink):*

draft 2001-07-05 0 . 1 . 0 [get it](#)  
SP-12 2001-07-05 0 . 2 . 4 S1-010359, SP-010359 - not seen by SA1. [get it](#)  
draft 2001-10-15 0 . 4 . 1 [get it](#)  
SP-14 2002-01-02 0 . 7 . 0 NP-010701 (!) [get it](#)

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## TR 22.946 Broadcast and multicast services

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S1 /  
*G:* U: yes  
*rappporteur:* N, A  
*MCC:* CLAYTON, Michael  
*Indicate persons who left Company and wait for new One*  
*remarks - this release:* Replaced by 22.146.  
To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-27 1 . 0 . 0 SP-010267 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.976 Study on PS domain services and capabilities

Rel-5  
current\_version: none  
freeze\_meeting: SP-15  
remarks - general: 2003-04-07 Clayton: scrapped.  
WG (prime / other): S1 / - rapporteur: CATALDO, Mark Openwave Systems (N.I.) Ltd  
G: U: yes MCC: CLAYTON, Michael  
remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6

history (event, available, version, comments, hyperlink):

SP-08 2000-06-28 2 . 0 . 0 transferred from Rel-4.

[get it](#)

## Rel-5 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

### TS 23.073 Support of Localised Service Area (SoLSA): Stage 2

Rel-5  
current\_version: none  
freeze\_meeting: NP-15  
remarks - general: Transfer>TSG#4, 2001-10-09 Rapporteur changed from Ch Homann.  
WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

history (event, available, version, comments, hyperlink):

### TS 23.121 Architectural requirements for Release 1999

Rel-5  
current\_version: none  
freeze\_meeting: SP-15  
remarks - general:  
WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK  
G: yes U: yes MCC: BOSWARTHICK, David  
remarks - this release: Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

history (event, available, version, comments, hyperlink):

SP-09 5 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.174 Push service; stage 2

Rel-5 current version: none  
freeze\_meeting:

WG (prime / other): S2 / rapporteur: WOLAK, Stephen  
G: U: yes BOSWARTHICK, David

remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ..."  
SP-17: Rel-5 -> Rel-6 to accord with stage 1.  
remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TS 23.178

Rel-5 current version: none  
freeze\_meeting: NP-15

remarks - general: 2001-10-26: renumbered to 23.278.  
remarks - this release: 2001-10-26: renumbered to 23.278.  
WG (prime / other): N2 / - rapporteur: HOMANN, Christian  
G: yes U: yes JURISIC, Andrijana  
ALCATEL SEL AG

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5  
WG (prime / other): S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
rapporteur: KOSKINEN, Harri  
MCC: BOSWARTHICK, David  
Nokia Telecommunications Inc.  
remarks - general: Cf work item 'Generic user profile'  
remarks - this release: -> Rel-6

history (event, available, version, comments, hyperlink):

draft	0	2	0	
draft	0	3	0	
S2-23	0	4	0	
post S2-23	0	4	1	
S2-25	0	5	1	
S2-26	0	6	0	
S2-26	0	6	1	
S2-27	0	7	0	
S2-27	0	7	1	
S2-28	0	8	0	
post S2-28	0	9	0	
S2-29	0	10	0	
post S2-29	0	11	0	
SP-19 2003-03-24	0	12	0	<a href="#">get it</a>

## TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)

Rel-5  
WG (prime / other): N4 / T2  
G: U: yes  
current version: none  
freeze\_meeting: TP-15  
rapporteur: KOZA, Yvette  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
remarks - general: Cf work item 'Generic user profile'. NP-24/TP-24: txferred from T2 to N4.  
2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941.  
NP-26: withdrawal confirmed.  
remarks - this release: TP-15: Delayed to Rel-6.

history (event, available, version, comments, hyperlink):

draft	0	1	0	
draft	0	2	0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-5  
WG (prime / other): S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
rapporteur: JARVIS, Andre  
MCC: BOSWARTHICK, David  
Hutchison 3G UK Ltd (3)  
remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in remarks - this release: SP-15. To be a Rel-6 service, not Rel-5.

history (event, available, version, comments, hyperlink):

---

## TR 23.841 Presence service architecture

Rel-5  
WG (prime / other): S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
rapporteur: BERTENYI, Balazs  
MCC: BOSWARTHICK, David  
NOKIA Corporation  
remarks - general: remarks - this release: -> Rel-6

history (event, available, version, comments, hyperlink):

```
draft 2002-01-21 0 . 3 . 0  
draft  
SP-15 2002-03-19 1 . 0 . 0 SP-020156  
S2-24 1 . 1 . 0
```

[get it](#)

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---

## TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-5  
WG (prime / other): S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
rapporteur: JARVIS, Andre  
MCC: BOSWARTHICK, David  
Hutchison 3G UK Ltd (3)  
remarks - general: This is a preparatory report which may result in the creation of a stage 2 TS remarks - this release: SP-15. To be a Rel-6 service, not Rel-5.

history (event, available, version, comments, hyperlink):

```
draft 2002-01-03 0 . 0 . 1  
S2-22 2002-01-22 0 . 1 . 0  
draft 2002-03-19 0 . 2 . 0
```

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TR 23.908 Technical report on Pre-Paging

Rel-5  
current version: none  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - this release: 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

---

## TR 23.909 Technical report on the Gateway Location Register

Rel-5  
current version: none  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: PARK, Ian David  
Chalmers  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this release: 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

---

## TR 23.911 Technical report on Out-of-band transcoder control

Rel-5  
current version: none  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes

rappporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - this release: 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

history (event, available, version, comments, hyperlink):

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TR 23.912 Technical report on Super-Charger

Rel-5  
current version: none  
freeze\_meeting: NP-15

remarks - general:

WG (prime / other): N4 / -  
G: yes U: yes  
rapporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo  
NORTEL NETWORKS (EUROPE)  
remarks - this release: 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

history (event, available, version, comments, [hyperlink](#)):

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

---

## TR 23.915 Charging implications of IMS architecture

Rel-5  
current version: none  
freeze\_meeting: SP-15

remarks - general:

2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!

WG (prime / other): S2 /  
G: yes U: yes  
rapporteur: MILINSKI, Alexander  
MCC: BOSWARTHICK, David  
SIEMENS AG

history (event, available, version, comments, [hyperlink](#)):

---

## TR 23.955 Virtual Home Environment (VHE) concepts

Rel-5  
current version: none  
freeze\_meeting: SP-16

remarks - general:

SP-20: stopped

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: SULTAN, Alain  
MCC: BOSWARTHICK, David  
SOURCE COM

history (event, available, version, comments, [hyperlink](#)):

draft 2001-01-08 0 . 0 . 0  
draft 2001-01-24 0 . 1 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.974 Support of push service

Rel-5 current version: none

freeze\_meeting: SP-15

remarks - general: SP-13: changed number to 23.875.

WG (prime / other): S2 /

G: U: yes

rporteur: UDA, Nobuyuki NTT COMMWARE Corporation

MCC: BOSWARTHICK, David

remarks - this release: May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

history (event, available, version, comments, hyperlink):

SP-13 2001-10-01 2 . 0 . 0 SP-010508 - approved as 23.875

[get it](#)

## Rel-5 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

### TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3

Rel-5 current version: none

freeze\_meeting: TP-16

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241. NP-24/TP-24: txferred from T2 to N4.

WG (prime / other): N4 / T2

G: U: yes

rporteur: KYMALAINEN, Kimmo TeliaSonera AB

MCC: KYMALAINEN, Kimmo

remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

history (event, available, version, comments, hyperlink):

## Rel-5 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description

Rel-5 WG (prime / other): R2 /  
G: U: yes  
current version: none  
freeze\_meeting: RP-15  
rapporteur: KUCHIBHOTLA, Ravi  
MCC: ARZELIER, Claude  
MOTOROLA Ltd  
remarks - general: RP-13: This TR has been replaced by TS 25.308.  
remarks - this release: RP-13: This TR has been replaced by TS 25.308.

history (event, available, version, comments, hyperlink):

RP-12	2001-06-19	1	0	0	RP-010345
RP-13	2001-10-01	2	0	0	RP-010562
RP-13	2001-10-02	5	0	0	

[get it](#)  
[get it](#)  
[get it](#)

---

## TR 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects

Rel-5 WG (prime / other): R2 /  
G: U: yes  
current version: none  
freeze\_meeting: RP-15  
rapporteur: KUCHIBHOTLA, Ravi  
MCC: ARZELIER, Claude  
MOTOROLA Ltd  
remarks - general: 2003-05-26: stopped  
remarks - this release: 2003-05-26: stopped

history (event, available, version, comments, hyperlink):

---

## TR 25.857 UE positioning enhancements

Rel-5 WG (prime / other): R2 /  
G: U: yes  
current version: none  
freeze\_meeting: RP-15  
rapporteur: BECKMANN, Mark  
MCC: ARZELIER, Claude  
SIEMENS AG  
remarks - general: 2003-05-26: stopped  
remarks - this release: 2003-05-26: stopped

history (event, available, version, comments, hyperlink):

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.861 RNC - SMLC location protocol

Rel-5 current version: none

freeze\_meeting: RP-15

WG (prime / other): R2 /

rapporteur: MIKOLA, Juha

MCC: ARZELIER, Claude

G: NOKIA Corporation

remarks - general: RP-15: abandoned in favour of directly writing the stage 3 spec.

remarks - this release: RP-15: abandoned in favour of directly writing the stage 3 spec.

history (event, available, version, comments, hyperlink):

## TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks

Rel-5 current version: none

freeze\_meeting: RP-15

WG (prime / other): R4 /

rapporteur: MATARASSO, Carlo

MCC: GUTIERREZ MIGUELEZ, Cesar

G: Mikom - Andrew

remarks - general: RP-15: abandoned in favour of directly writing the stage 3 spec.

remarks - this release: 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.

history (event, available, version, comments, hyperlink):

RP-14 2002-01-02 1 . 0 . 0 RP-010794

R4-29 1 . 3 . 0 R4-030934

[get it](#)

## TR 25.869 Transmitter diversity solutions for multiple antennas

Rel-5 current version: none

freeze\_meeting: RP-15

WG (prime / other): R1 / -

rapporteur: KIM, Sung-Jin

MCC: ISHII, Yoshikazu

G: Samsung Electronics Ind. Co., Ltd.

remarks - general:

remarks - this release: RP-20: to Rel-6.

history (event, available, version, comments, hyperlink):

draft 0 . 1 . 0

draft 0 . 1 . 1

RP-12 2001-06-28 1 . 0 . 0 RP-010344

RP-13 2001-10-01 1 . 0 . 1 RP-010637

RP-15 2002-03-19 1 . 0 . 2 RP-020130 - RP-20: to Rel-6

draft 2003-10-08 1 . 2 . 0 R1-030946

draft 2004-03-01 1 . 2 . 1 R1-040396

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.876 Multiple Input Multiple Output (MIMO) antennae in UTRA

Rel-5 current version: none

freeze\_meeting: RP-15

remarks - general: RP-20: reference to HSDPA removed from title

WG (prime / other): R1 /

G: U: yes

rporteur: HUANG, Howard

MCC: ISHII, Yoshikazu

Lucent Technologies

remarks - this release: 2003-11-03: Timed out of Rel-5, must be Rel-6.

history (event, available, version, comments, hyperlink):

R1-21	0	0	0	0	R1-010879
RP-14	2002-01-02	1	0	0	RP-010796
R1-24	1	0	0	1	R1-020486
RP-15	2002-07-31	1	1	0	RP-020240
RP-24	1	5	0	0	(not presented at meeting)
R1-38	1	5	0	1	
R1-38	1	6	0	0	R1-041021
draft	2004-08-30	1	6	1	
draft	2004-09-20	1	7	0	R1-041057

## TR 25.885 UMTS 1800 / 1900 MHz work items report

Rel-5 current version: none

freeze\_meeting: RP-15

remarks - general: RP-17: withdrawn. RP-18 unwithdrawn.

WG (prime / other): R4 /

G: U: yes

rporteur: NUMMINEN, Jussi

MCC: GUTIERREZ MIGUELEZ, Cesar

NOKIA Corporation

remarks - this release: RP-17: withdrawn.

history (event, available, version, comments, hyperlink):

RP-13	2001-10-01	1	0	0	RP-010672. RP-17: withdrawn.
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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.886 Small technical enhancements and improvements work item

Rel-5  
current version: none  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R4 /

G: U: yes

rappporteur: KWAK, Joe

MCC: GUTIERREZ MIGUELEZ, Cesar

INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - this release: RP-17: withdrawn.

history (event, available, version, comments, hyperlink):

---

## TR 25.887 Beamforming enhancements

Rel-5  
current version: none  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rappporteur: KAHTAVA, Jussi

MCC: ISHII, Yoshikazu

Nokia Japan Co, Ltd

remarks - this release: RP-15: Deferred to Rel-6.

history (event, available, version, comments, hyperlink):

R1-22 0 . 0 . 1 R1-011342  
RP-14 (ex R1-22) 2001-12-07 1 . 0 . 0 R1-040188

[get it](#)

---

## TR 25.888 Improvement of inter frequency and inter system measurement for 1.28 Mcps TDD

Rel-5  
current version: none  
freeze\_meeting: RP-16

remarks - general:

WG (prime / other): R1 / -

G: U: yes

rappporteur: LI, Xiaoqiang

MCC: ISHII, Yoshikazu

Indicate persons who left Company and wait for new One

remarks - this release: -> Rel-6

history (event, available, version, comments, hyperlink):

RP-17 2002-09-24 1 . 0 . 0 RP-020508

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.890 High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)

WG (prime / other): R4 /

rapporteur: FERNANDES, Edgar MOTOROLA A/S

G: U: yes

MCC: GUTIERREZ MIGUELEZ, Cesar

freeze\_meeting: SP-15

remarks - general:

remarks - this release: RP-22: Went off the boil after RP-16. No need for it any more.

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0  
RP-16 2002-06-26 1 . 0 . 0 RP-020376

[get it](#)

---

## TR 25.893 Radio access bearer scenarios

Rel-5 current version: none

WG (prime / other): R2 / -

freeze\_meeting: RP-19

G: U: yes

MCC: MIKOLA, Juha NOKIA Corporation

remarks - general: 2003-05-26: to be stopped.

remarks - this release: 2003-05-26: to be stopped, relevant partsto be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.951 Base Station (BS) classification (FDD)

Rel-5  
current version: none  
freeze\_meeting: RP-16

remarks - general:

WG (prime / other): R4 / -  
rapporteur: SÄYNÄJÄKANGAS, NOKIA Corporation  
Tuomo  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release: 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.

history (event, available, version, comments, hyperlink):

RP-13	2001-10-01	1	1	0	moved from Rel-4	<a href="#">get it</a>
R4-23		1	2	0	R4-020688	
R4-24		1	3	0	R4-021073, R4-021376, R4-021377	
R4-25		1	4	0	R4-021430 et al	
draft		1	4	1		
R4-26		1	5	0	R4-021695 et al	
R4-26		1	5	1	R4-030210	

---

## TR 25.998

Rel-5  
current version: none  
freeze\_meeting:

remarks - general:

**UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release**  
WG (prime / other): R2 /  
rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
G: U: yes  
MCC: ARZELIER, Claude

This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected  
the notion of this TR, so stopped.

history (event, available, version, comments, hyperlink):

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Rel-5 27 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.104 vObjects and other constructs for data synchronization

Rel-5  
current\_version: none  
freeze\_meeting: TP-15

WG (prime / other): T2 / - rapporteur: LOCKHART, Rob  
G: U: yes U: yes MCC: HAN, Seung Don  
Motorola Inc.

remarks - general: TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this spec is scrapped.  
remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

history (event, available, version, comments, hyperlink):

TP-10 2001-01-05 0 . 1 . 1 SP-000657

[get it](#)

---

## TS 27.226 Global Text telephony (GTT); Terminal aspects

Rel-5  
current\_version: none  
freeze\_meeting: TP-15

WG (prime / other): T2 / - rapporteur: HELLSTROM, Gunnar  
G: yes U: yes U: yes MCC: HAN, Seung Don  
Omnitor AB

remarks - general: SP-16: to "GERAN" set.  
remarks - this release: WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

history (event, available, version, comments, hyperlink):

---

## TS 27.241

Rel-5  
current\_version: none  
freeze\_meeting: TP-16

### 3GPP generic user profile requirements, Stage 3; Access; Common objects

WG (prime / other): T2 / rapporteur: LOCKHART, Rob  
G: U: yes U: yes MCC: HAN, Seung Don  
Motorola Inc.

remarks - general: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.  
remarks - this release: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

history (event, available, version, comments, hyperlink):

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Rel-5 29 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 current version: none  
freeze\_meeting: NP-16

remarks - general:

WG (prime / other): N3 /  
G: yes U: yes  
rapporteur: HOLLAND, Nigel  
MCC: HAN, Seung Don  
mmO2 plc  
remarks - this release: NP-19; to Rel-6

history (event, available, version, comments, hyperlink):

N3-16	0	0	0	
N3-17	2001-06-01	0	1	0
N3-18	0	2	0	
N3-19	2001-11-08	0	3	0
N3-20	2002-01-14	0	4	0
draft	0	5	0	
N3-21	0	6	0	
draft	2002-02-18	0	6	1
NP-15	2002-03-19	1	0	0
				NP-020076

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## TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 current version: none  
freeze\_meeting: NP-18

remarks - general:

WG (prime / other): N3 /  
G: yes U: yes  
rapporteur: BELLING, Thomas  
MCC: HAN, Seung Don  
SIEMENS AG  
remarks - this release: NP-16; shifted to Rel-6.

history (event, available, version, comments, hyperlink):

N3-16	0	0	0	
N3-17	2001-06-01	0	1	0
				N3-010185, N3-010199, N3-010201 and N3-010210
N3-18	0	2	0	
N3-19	2001-11-09	0	3	0
NP-14	2002-01-02	1	0	0
N3-21	1	1	0	
NP-15	2002-02-18	1	2	0
editorials	1	2	1	
N3-23	1	3	1	
				N3-020441

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control Service Capability Feature (SCF)

Rel-5  
current\_version: none  
freeze\_meeting: NP-15  
G: U: yes  
WG (prime / other): N5 /  
rporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: Split into sub-parts.

history (event, available, version, comments, hyperlink):

NP-16 5 . 0 . 0 Interim step; not to be produced. See sub-parts.

---

## TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5  
current\_version: none  
freeze\_meeting: NP-15  
G: U: yes  
WG (prime / other): N5 /  
rporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES 202 915-9. remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

history (event, available, version, comments, hyperlink):

---

## TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5  
current\_version: none  
freeze\_meeting: NP-15  
G: U: yes  
WG (prime / other): N5 /  
rporteur: N, A  
MCC: ZOICAS, Adrian  
Indicate persons who left Company and wait for new One

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES 202 915-10. remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

history (event, available, version, comments, hyperlink):

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.203 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 WG (prime / other): N4 /  
G: U: yes  
current version: none  
freeze\_meeting: NP-15  
remarks - general: superseded by 29.903  
rapporteur: YOUNG, Michael  
MCC: KYMALAINEN, Kimmo  
MOTOROLA Ltd  
remarks - this release: . TSG#11:creation; superseded by 29.903

*history (event, available, version, comments, hyperlink):*

---

## TS 29.226 reserved

Rel-5 WG (prime / other): N4 /  
G: U: yes  
current version: none  
freeze\_meeting: NP-15  
remarks - general: VACANT,  
KYMALAINEN, Kimmo  
remarks - this release: WI approved TSG#7

*history (event, available, version, comments, hyperlink):*

---

## TS 29.240 Generic User Profile (GUP): Stage 3; Network

Rel-5 WG (prime / other): N4 /  
G: U: yes  
current version: none  
freeze\_meeting: NP-16  
remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241  
rapporteur: KAUNTOLA, Seppo  
MCC: KYMALAINEN, Kimmo  
Nokia Networks Oyj  
remarks - this release: 2002-03-05: Delayed to Rel-6.

*history (event, available, version, comments, hyperlink):*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-5 WG (prime / other): RP / -

G: yes U: yes

rapporporteur: COURAU, François ALCATEL S.A.

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

remarks - general: RP-19: stopped.

history (event, available, version, comments, hyperlink):

---

## TR 29.998-04-2 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP

Rel-5 WG (prime / other): N5 /

G: U: yes

rapporporteur: UNMEHOPA, Musa Lucent Technologies Network Systems UK

MCC: ZOICAS, Adrian

remarks - this release: SP-14 stopped.

remarks - general:

history (event, available, version, comments, hyperlink):

---

## TR 29.998-04-3 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping

Rel-5 WG (prime / other): N5 /

G: U: yes

rapporporteur: UNMEHOPA, Musa Lucent Technologies Network Systems UK

MCC: ZOICAS, Adrian

remarks - this release: 2003-01-15: abandoned by N5

remarks - general:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-05-2** **Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping**  
Rel-5  
current\_version: none  
freeze\_meeting: NP-16  
G: U: yes  
remarks - general: *remarks - this release: 2003-01-15: abandoned by N5*

*history (event, available, version, comments, hyperlink):*

---

**TR 29.998-05-3** **Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping**  
Rel-5  
current\_version: none  
freeze\_meeting: NP-16  
G: U: yes  
remarks - general: *remarks - this release: 2003-01-15: abandoned by N5*

*history (event, available, version, comments, hyperlink):*

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Rel-5 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.002** **Guidelines for the modification of the Mobile Application Part (MAP)**  
Rel-5  
current\_version: none  
freeze\_meeting: SP-15  
G: yes U: yes  
remarks - general: NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series *remarks - this release: NP-18: Evidently Rel-5 is indeed required!*  
UMTS studies.

*history (event, available, version, comments, hyperlink):*  
NP-18 2003-01-07 5 . 0 . 0 NP-19: renumbered to 30.902. [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## Rel-5 31 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

### TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (USIM) Toolkit applications

Rel-5 WG (prime / other): T3 / -  
current version: none  
freeze\_meeting: TP-16  
G: U: yes

rappporteur: MARTIN, Florence  
MCC: THOMASEN, Gert  
Axalto S.A.

remarks - general: additional rapporteur: Florence Martin.

remarks - this release: TP-16: offered for approval as Rel-6, so scrap Rel-5.

history (event, available, version, comments, hyperlink):

TP-15 2002-03-19 0 . 0 . 2 TP-020031  
TP-15 2002-03-19 1 . 0 . 0 TP-020075

[get it](#)  
[get it](#)

### TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (USIM) Toolkit applications

Rel-5 WG (prime / other): T3 / -  
current version: none  
freeze\_meeting: TP-16  
G: yes U: yes

rappporteur: MARTIN, Florence  
MCC: THOMASEN, Gert  
Axalto S.A.

remarks - general: additional rapporteur: Florence Martin

remarks - this release: TP-16: offered for approval as Rel-6, so scrap Rel-5.

history (event, available, version, comments, hyperlink):

TP-15 2002-03-19 0 . 1 . 0 TP-020032  
TP-15 2002-03-19 1 . 0 . 0 TP-020075

[get it](#)  
[get it](#)

### TS 31.123 (Universal) Subscriber Interface Module ((USIM) toolkit interpreter test

Rel-5 WG (prime / other): T3 /  
current version: none  
freeze\_meeting: WI @ T3-01 0338, UID = 2518  
G: U: yes

rappporteur: BARNES, Nigel  
MCC: THOMASEN, Gert  
MOTOROLA Ltd

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-03-22 0 . 3 . 0 T3-030912

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((USIM) API

WG (prime / other): T3 /

rappporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

31 .- series

current version: none  
freeze\_meeting: TP-16

G: U: yes

MCC: THOMASEN, Gert

remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

remarks - general: Test spec is 34.131.

history (event, available, version, comments, hyperlink):

TP-14 2002-01-02 1 . 0 . 0 TP-010249

[get it](#)

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## TR 31.900 SIM/USIM internal and external interworking aspects

WG (prime / other): T3 /

rappporteur: KALINER, Stefan  
T-Mobile International AG

31 .- series

current version: none  
freeze\_meeting: SP-15

G: U: yes

MCC: THOMASEN, Gert

remarks - this release: TP-26: withdrawn, will continue Rel-6.

remarks - general:

history (event, available, version, comments, hyperlink):

TP-15 2002-03-28 5 . 0 . 0

TP-16 2002-06-19 5 . 1 . 0

TP-19 2003-03-26 5 . 2 . 0

TP-21 2003-09-29 5 . 3 . 0

TP-22 2004-01-12 5 . 4 . 0

TP-25 2004-09-29 5 . 5 . 0

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Rel-5

32 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-5

WG (prime / other): S5 / NP

rapporteur: RONKA, Kari

MCC: ZOICAS, Adrian

NOKIA Corporation

freeze\_meeting: SP-16

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008.

U: yes  
remarks - this release: SP-15: Partial service only.

history (event, available, version, comments, hyperlink):

draft 2001-11-08 0 . 0 . 1

draft 2002-02-26 0 . 1 . 0

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## TS 32.112 Telecommunication management; Alarm Management; Alarm Integration Reference Point; Information Service

Rel-5

WG (prime / other): S5 /

rapporteur: TOVINGER, Thomas

Telefon AB LM Ericsson

freeze\_meeting: SP-15

remarks - general: SP-15: stopped, no draft ever having been produced.

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 32.113 Telecommunication management; Alarm Management; Alarm Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set

Rel-5

WG (prime / other): S5 /

rapporteur: TOVINGER, Thomas

Telefon AB LM Ericsson

freeze\_meeting: SP-15

remarks - general: SP-15: stopped, no draft ever having been produced.

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.114 Telecommunication management; Alarm Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set

Rel-5 current version: none rapporteur: TOVINGER, Thomas  
freeze\_meeting: SP-15 U: yes U: yes MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - general: SP-15: stopped, no draft ever having been produced.

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-5 current version: none rapporteur: ISLIP, John  
freeze\_meeting: SP-16 U: yes U: yes MCC: ZOICAS, Adrian  
Lucent Technologies Network Systems UK

remarks - general: 2004-03-29: S5 Project Manager: "services operations management"  
removed from title.

history (event, available, version, comments, hyperlink):

draft 2001-06-27 0 . 1 . 3  
draft 2002-01-21 0 . 5 . 4  
draft 2002-01-28 0 . 5 . 5

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## TS 32.312-2 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service

Rel-5 current version: none rapporteur: N, A  
freeze\_meeting: SP-15 U: yes U: yes MCC: ZOICAS, Adrian  
Indicate persons who left Company and wait for new One

remarks - general: -> 32.112

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.681** **Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rappporteur:* PAL, Tapinder  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* *U:* yes *remarks - this release:* SP-17: moved to Rel-6.  
T-MOBILE DEUTSCHLAND

*history (event, available, version, comments, hyperlink):*

---

**TS 32.682** **Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**  
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rappporteur:* PAL, Tapinder  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* *U:* yes *remarks - this release:* SP-17: moved to Rel-6.  
T-MOBILE DEUTSCHLAND

*history (event, available, version, comments, hyperlink):*

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**TS 32.683** **Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rappporteur:* PAL, Tapinder  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* *U:* yes *remarks - this release:* SP-17: moved to Rel-6.  
T-MOBILE DEUTSCHLAND

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-5 WG (prime / other): S5 / -  
G: yes U: yes

current version: none

freeze\_meeting: SP-17

remarks - general:

reporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - this release: SP-17: moved to Rel-6.

history (event, available, version, comments, [hyperlink](#)):

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## TR 32.801 Performance management

Rel-5 current version: none

freeze\_meeting: SP-15

remarks - general: (Release 4/5 Building Block: OAM-PM)

WG (prime / other): S5 /

G: U: yes

reporteur: KORINEK, Frank

MCC: ZOICAS, Adrian

remarks - this release: 2001-08-27: S5 Secretary: no document to be produced.

MOTOROLA JAPAN LTD

history (event, available, version, comments, [hyperlink](#)):

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## Rel-5 33 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.800 Principles for Network Domain Security

Rel-5 current version: none

freeze\_meeting:

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

WG (prime / other): S3 / -

G: U: yes

reporteur: ESCOTT, Adrian

MCC: POPE, Maurice

remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

QUALCOMM EUROPE S.A.R.L.

history (event, available, version, comments, [hyperlink](#)):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

Rel-5 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

## TS 41.103 GSM Release 5 specifications

Rel-5 current version: none  
freeze\_meeting: SP-16  
remarks - general: SP-20: Superseded by 41.101 Rel-5.

WG (prime / other): SP / -  
G: yes U:

rappporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - this release: SP-20: Superseded by 41.101 Rel-5.

### history (event, available, version, comments, hyperlink):

SP-12	0	.	0	.	0	SP-010278
SP-12	0	.	1	.	0	SP-010384
SP-13	1	.	0	.	0	SP-010421
SP-15	1	.	1	.	0	SP-020098
SP-15	1	.	2	.	0	SP-020203
SP-16	2	.	0	.	0	SP-020271
SP-16	2	.	1	.	0	SP-020398
SP-16	2	.	2	.	0	SP-020410
SP-16	5	.	0	.	0	
SP-17	5	.	1	.	0	
SP-18	5	.	2	.	0	
SP-19	5	.	3	.	0	
SP-20	5	.	4	.	0	withdrawn -> 41.101

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Rel-5 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031. G: yes U:

*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031. MCC: POPE, Maurice

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn. [get it](#)

---

## TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

*remarks - general:* SP-16: withdrawn in favour of 22.032. G: yes U:

*remarks - this release:* SP-16: withdrawn in favour of 22.032. MCC: POPE, Maurice

*history (event, available, version, comments, hyperlink):*

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Rel-5 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

Rel-5  
WG (prime / other): S3 / -  
current version: none  
freeze\_meeting: SP-15  
rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.  
Rel-5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn.  
[get it](#)

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## TS 43.035 Immediate Service Termination (IST); Stage 2

Rel-5  
WG (prime / other): S3 / -  
current version: none  
freeze\_meeting: SP-15  
rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general: SP-16: withdrawn in favour of 23.035.

history (event, available, version, comments, hyperlink):

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## TR 43.900 Support for voice optimization for the IMS in the GERAN

Rel-5  
WG (prime / other): G1 /  
current version: none  
freeze\_meeting: GP-10  
rapporteur: GUARINO, Bernard  
MCC: USAI, Paolino  
AT&T Wireless Services, Inc.

remarks - general: 2002-09-03: Transferred from G2 to G1.. GP-06: stopped.  
remarks - this release: 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.

history (event, available, version, comments, hyperlink):

GP-06 2003-06-17 1 . 0 . 0 GP-011962  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TR 43.930 lur-g interface; Stage 2

Rel-5  
current\_version: none  
freeze\_meeting: GP-09

WG (prime / other): G2 / rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc

Jose Luis

THOMASEN, Gert

MCC:

remarks - general: GP-11: Withdrawn and replaced with 43.130.  
G: yes U: remarks - this release: This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.

history (event, available, version, comments, hyperlink):

GP-09 0 . 3 . 0 GP-020733

GP-09 2002-04-22 0 . 4 . 0 GP-021274

draft 2002-07-19 0 . 5 . 1

GP-10 2002-07-19 5 . 0 . 0

GP-11 2002-09-16 5 . 1 . 0

GP-11: withdrawn and technically identical document issued as TS 43.130.

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## Rel-5 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

### TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5  
current\_version: none  
freeze\_meeting:

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

JURISIC, Andrijana

MCC:

G: yes U:

remarks - this release:

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

history (event, available, version, comments, hyperlink):

## Rel-5 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

## TR 50.099 GERAN project plan and open issues

Rel-5  
*current version:* none  
*freeze\_meeting:* GP-09  
*remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down.  
Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

*WG (prime / other):* GP / -  
*G: yes U:*

*rapporteur:* GRANT, Marc  
*MCC:* USAI, Paolino

Cingular Wireless LLC

### *history (event, available, version, comments, hyperlink):*

GP-08 2002-04-04 0 . 0 . 14 GP-020277 [get it](#)  
GP-08 2002-03-20 0 . 0 . 15 GP-020515 [get it](#)  
draft 2002-03-20 0 . 1 . 6 [get it](#)

## Rel-5 51 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

### TS 51.010-5 Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)

Rel-5  
*current version:* none  
*freeze\_meeting:* GP-22  
*remarks - general:* Should number really be 31.010-5?

*WG (prime / other):* G3new/ T1  
*G: yes U:*

*rapporteur:* HU, Shicheng  
*MCC:* BAEV, Stoyan

ETSI Secretariat

*remarks - this release:* GP-23: Decided not to back create v5.0.0 from Rel-6.

### *history (event, available, version, comments, hyperlink):*

draft 2004-06-14 0 . 0 . 0 GP-041355 [get it](#)  
draft 0 . 1 . 0  
GP-22 2004-11-30 0 . 2 . 0 GP-042335 [get it](#)  
GP-22 2004-11-30 2 . 0 . 0 GP-042795 - in fact, approved as Rel-6, [get it](#)  
so became v6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

## TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *WG (prime / other):* T3 / - *rappporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* TP-15 *MCC:* THOMASEN, Gert  
*remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application". *remarks - this release:* TP-16: Rel-5 version withdrawn.

*history (event, available, version, comments, hyperlink):*

TP-14 2002-01-17 5 . 0 . 0 TP-16: Rel-5 version withdrawn!

[get it](#)

---

## Rel-5 55 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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## TS 55.205 Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8

Rel-5 *WG (prime / other):* S3 / - *rappporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *MCC:* POPE, Maurice

*remarks - general:* Not subject to export control. *remarks - this release:* Fill in of missing Release SP-26: decided that no need to back-fill earlier Releases.

*history (event, available, version, comments, hyperlink):*

---

## Rel-4

## Rel-4 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: SP-20: Superseded by 21.101 Rel-4.

WG (prime / other): SP / -  
G: U: yes

rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - this release: SP-20: Superseded by 21.101 Rel-4.

history (event, available, version, comments, hyperlink):

SP-08	2000-06-30	1	0	0	
SP-10	2001-01-04	1	1	0	<a href="#">get it</a>
SP-11	2001-04-11	4	0	0	<a href="#">get it</a>
SP-12	2001-07-05	4	1	0	<a href="#">get it</a>
SP-13	2001-10-01	4	2	0	<a href="#">get it</a>
SP-14	2002-01-03	4	3	0	<a href="#">get it</a>
SP-15	2002-03-27	4	4	0	<a href="#">get it</a>
SP-16	2002-06-19	4	5	0	<a href="#">get it</a>
SP-17	2002-09-18	4	6	0	<a href="#">get it</a>
SP-18	2003-01-03	4	7	0	<a href="#">get it</a>
SP-19	2003-03-27	4	8	0	<a href="#">get it</a>
SP-20	2003-06-25	4	9	0	<a href="#">get it</a>

withdrawn -> 21.101

## Rel-4 22 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.043

Rel-4 Support of Localized Service Area (SoLSA); Service description; Stage 1

current version: none  
freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -  
G: yes U: yes

rapporteur: KOKKOLA, Tommi NOKIA Corporation  
MCC: CLAYTON, Michael

remarks - this release: TSG#11: Becomes 42.043 for Rel-4 (I).

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): T3 / -  
G: MEYER, Michael  
THOMASEN, Gert  
rapporteur: GIESECKE & DEVRIENT GmbH  
MCC:

remarks - this release: TP-13: Rel-4 withdrawn, since stage 2 not ready.

history (event, available, version, comments, hyperlink):

TP-10 2001-01-11 1 . 0 . 0  
TP-11 2001-04-09 4 . 0 . 0 withdrawn TP-13

[get it](#)  
[get it](#)

## TS 22.227 Service requirements for the Open Service Access (OSA)

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: Clayton Apr-2001: spec not required (see 22.127)

WG (prime / other): S1 / -  
G: HELLSTROM, Gunnar  
CLAYTON, Michael  
rapporteur: Omnitor AB  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

## TR 22.976 Study on PS domain services and capabilities

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: 2003-04-07 Clayton: scrapped.

WG (prime / other): S1 / -  
G: CATALDO, Mark  
CLAYTON, Michael  
rapporteur: Openwave Systems (N.I.) Ltd  
MCC:

remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton).

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 1 . 0 . 0 SP-000073  
draft 2000-05-09 1 . 4 . 0  
SP-08 2000-06-28 2 . 0 . 0 -> Rel-5.

[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

Rel-4 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4, 2001-10-09 Rapporteur changed from Ch Homann.  
WG (prime / other): N4 / -  
rapporteur: KYMALAINEN, Kimmo TellaSonera AB  
MCC: KYMALAINEN, Kimmo

remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0 SP-16: ->43.073 since applies to GERAN [get it](#)  
systems only.

## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general:  
WG (prime / other): S2 / -  
rapporteur: WONG, Gavin VODAFONE Group Plc  
MCC: BOSWARTHICK, David  
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

history (event, available, version, comments, hyperlink):

SP-11 2002-06-18 4 . 0 . 0 withdrawn [get it](#)

## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-4  
current version: none  
freeze\_meeting: SP-12  
remarks - general:  
WG (prime / other): S2 / -  
rapporteur: OYAMA, Johnson Nippon Ericsson K.K.  
MCC: BOSWARTHICK, David  
remarks - this release: SP-12: becomes Rel-5

history (event, available, version, comments, hyperlink):

SP-10 2001-01-31 1 . 0 . 0 SP-000594  
draft 2001-02-01 1 . 1 . 0  
draft 2001-06-26 1 . 7 . 3 suspicious version number!  
SP-12 2001-06-26 2 . 0 . 0 S2-011123, SP-010337  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.814 Separating RR and MM specific parts of the MS Classmark

Rel-4  
*current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* New after TSG#5  
  
*WG (prime / other):* N1 / -  
*U:* yes  
*rappporteur:* YOKOTA, Fumihiko Fujitsu Limited  
*MCC:* JURISIC, Andrijana  
*remarks - this release:* Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

*history (event, available, version, comments, hyperlink):*

NP-11 4 . 0 . 0 doa. Stick at R99.

## TR 23.821 Architecture Principles for Release 2000

Rel-4  
*current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* New after TSG#5. SP-20: stopped  
  
*WG (prime / other):* S2 / -  
*U:* yes  
*rappporteur:* LIND, Christer Indicate persons who left Company and wait for new One  
*MCC:* BOSWARTHICK, David  
*remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 1 . 0 . 1  
[get it](#)

## TR 23.874 Feasibility study of architecture for network requested PDP context activation with User-ID

Rel-4  
*current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* SP-20: stopped  
  
*WG (prime / other):* S2 / -  
*U:* yes  
*rappporteur:* KITADA, Yoshinori NTT COMMWARE Corporation  
*MCC:* BOSWARTHICK, David  
*remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

SP-09 1 . 0 . 0  
draft 2000-11-08 1 . 2 . 0  
draft 2000-11-24 1 . 3 . 0  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.907 Quality of Service (QoS) concept

Rel-4 current version: none  
freeze\_meeting: SP-11  
remarks - general: SP-20: stopped

WG (prime / other): S2 /  
G: U: yes  
rapporteur: VACANT,  
MCC: BOSWARTHICK, David  
remarks - this release: SP-20: stopped

### history (event, available, version, comments, hyperlink):

draft	1998-11-15	0	1	0	
draft	1999-01-15	0	2	0	<a href="#">get it</a>
draft	1999-04-15	0	3	0	<a href="#">get it</a>
draft	1999-04-30	0	4	0	<a href="#">get it</a>
draft	1999-05-15	0	5	0	<a href="#">get it</a>
S2-05	1999-05-30	1	0	0	<a href="#">get it</a>
draft	1999-06-30	1	1	0	<a href="#">get it</a>
draft	1999-07-15	1	2	0	<a href="#">get it</a>

## TR 23.913 UMTS Turbo-Charger

Rel-4 current version: none  
freeze\_meeting: SP-11  
remarks - general: New after TSG#5

WG (prime / other): - / -  
G: U: yes  
rapporteur: GARAPATY, Sonia  
MCC: N, A  
Nortel Networks (USA)

remarks - this release:

### history (event, available, version, comments, hyperlink):

N1-06	1999-08-20	0	0	1	
N1-07	1999-09-17	0	0	2	<a href="#">get it</a>
N1-08	1999-10-29	0	0	3	<a href="#">get it</a>
revision	1999-11-15	0	1	0	<a href="#">get it</a>
revision	1999-11-30	0	1	1	<a href="#">get it</a>
NP-06	1999-12-17	1	0	0	<a href="#">get it</a>
N1-09	1999-12-03	1	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23-922 Architecture for an All IP network

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: TSG#5: 1.0.0

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: DANIEL, Elizabeth  
MCC: BOSWARTHICK, David  
Lucent Technologies Network Systems UK  
remarks - this release: Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23.228.

history (event, available, version, comments, hyperlink):

SP-11 4 . 0 . 0 abandoned July 2001

---

## TR 23-923 Combined GSM and Mobile IP mobility handling in UMTS IP CN

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general:

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: HUBBARD, Elisabeth  
MCC: BOSWARTHICK, David  
TeliaSonera AB

remarks - this release: Sultan Apr-2001: contents out of date, not appropriate for Rel-4.

history (event, available, version, comments, hyperlink):

SP-11 4 . 0 . 0

---

## TR 23-925 UMTS Core network based ATM transport

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. SP-20: stopped

WG (prime / other): S2 / -  
G: yes U: yes  
rapporteur: ROUZ, Adel  
MCC: BOSWARTHICK, David  
FUJITSU Laboratories of Europe Limited

remarks - this release: SP-20: stopped

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.972 Circuit switched multimedia telephony

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: U: yes

MCC: JURISIC, Andrijana

remarks - general: New after TSG#5. Minor title change TSG#7.

remarks - this release: Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

history (event, available, version, comments, hyperlink):

NP-11 4 . 0 . 0 doa. Stick at R99.

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## Rel-4 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.004 Layer 1 - General Requirements

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / other): G2 / - rapporteur: THOMAS, Rémi France Telecom

G: yes U:

MCC: THOMASEN, Gert

remarks - general: Apr-2001: Not required. See 44.004.

remarks - this release: Apr-2001: Not required. See 44.004.

history (event, available, version, comments, hyperlink):

GP-04 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 24 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

WG (prime / other): G2 / N2

current version: none

freeze\_meeting: SP-11

rporteur: AL -BAKRI, Ban

MCC: THOMASEN, Gert

MOTOROLA S.A.S

remarks - general: Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12 R99) and shift responsibility to G2 (and should have been N2 anyway). Agreed to txfer to G2, but still as 24.012.

history (event, available, version, comments, hyperlink):

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## TS 24.10U UMTS interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access

WG (prime / other): - /

current version: none

freeze\_meeting: SP-11

rporteur: N, A

Indicate persons who left Company and wait for new One

G: U:

MCC: N, A

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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## TR 24.946 reserved

current version: none

freeze\_meeting: SP-11

WG (prime / other): - /

rporteur: VACANT,

MCC: N, A

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

Rel-4 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.107 UTRA Repeater; Conformance testing

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: -> 25.143

WG (prime / other): - / - rapporteur: NILSSON, Martin  
G: U: yes  
MCC: N, A  
Indicate persons who left Company and wait for new One

remarks - this release: Scrapped in favour of 25.143

history (event, available, version, comments, hyperlink):

Start of work 2000-08-01 0 . 0 . 1

[get it](#)

## TS 25.371 LMU signalling

Rel-4  
current version: none  
freeze\_meeting: SP-07

remarks - general: Created Jan 00; wdtrwn Apr00

WG (prime / other): - / - rapporteur: MOULY, Michel  
G: U: yes  
MCC: N, A  
ARGUIN Communications

remarks - this release: First draft: Jan2000

history (event, available, version, comments, hyperlink):

## TR 25.835 Report on hybrid ARQ type II/III

Rel-4  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): R2 / - rapporteur: SITTE, Armin  
G: U: yes  
MCC: ARZELIER, Claude  
SIEMENS AG

remarks - this release: 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.

history (event, available, version, comments, hyperlink):

RP-09 2000-10-16 1 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.837 Hybrid ARQ Type II/III (lub/lur aspects)

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: BRANDT, Achim V. SIEMENS AG  
MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.

history (event, available, version, comments, hyperlink):

RP-09 2000-09-21 0 . 1 . 0

[get it](#)

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## TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: PARK, Jin Hyo SK TELECOM  
MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.

history (event, available, version, comments, hyperlink):

RP-12 2001-07-05 0 . 2 . 0 RP-010426

RAN3 approved 2001-10-01 0 . 3 . 0 referred to at RP-13.

[get it](#)

[get it](#)

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## TR 25.842 Smart antenna

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

2003-11-28: WG Chairman indicates that this item is stopped.

WG (prime / other): R1 / -  
G: U: yes

rappporteur: HU, Jinling China Academy of Telecommunications Technology  
MCC: ISHII, Yoshikazu

remarks - this release: .RP-15: Not to be promoted to Rel-5. Post-RP-20: info received that the corresponding work item was stopped at RP-10, so expect this TR to be scrapped at RP-21. 2003-11-28: WG Chairman indicates that this item is stopped.

history (event, available, version, comments, hyperlink):

RP-09 2001-01-12 1 . 0 . 0 2003-11-28: WG Chairman indicates that

this item is stopped.

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.845 FDD RACH and AICH performance requirements

Rel-4

WG (prime / other): R4 / -

G: U: yes  
rapporteur: VIHRIÄLÄ, Jaakko NOKIA Corporation  
MCC: GUTIERREZ MIGUELEZ, Cesar

freeze\_meeting:

remarks - general:

remarks - this release: RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.

history (event, available, version, comments, hyperlink):

draft 2000-12-20 0 . 0 . 2  
draft 2001-05-14 0 . 0 . 3 RP-17: withdrawn.

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## TR 25.846 CPCH performance

Rel-4

WG (prime / other): R4 / -

G: U: yes  
rapporteur: KWAK, Joe INTERDIGITAL COMMUNICATIONS CORPORATION  
MCC: GUTIERREZ MIGUELEZ, Cesar

freeze\_meeting: SP-11

remarks - general: 2001-02-13: scrapped

remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TR 25.852 Iu enhancements for IP Multimedia (IMS) support in UTRAN

Rel-4

WG (prime / other): R3 /

G: U: yes  
rapporteur: GODIN, Philippe NORTEL NETWORKS (EUROPE)  
MCC: CALDENHOVEN, Juergen

freeze\_meeting: SP-11

remarks - general: 2003-09-08: Title changed from "Radio access bearer support enhancements for the Iu".

remarks - this release: RP-15: No upgrade to Rel-5. RP-19: future to be discussed R3-35. TP-20: to Rel-6.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 0 . 0 . 0  
draft 2003-11-12 0 . 1 . 2 R3-031545

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.924 Opportunity Driven Multiple Access (ODMA)

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): R2 / - rapporteur: LAW, Alan VODAFONE Group Plc

G: U: yes ARZELIER, Claude

remarks - this release: 2002-01-23: .WG Secretary reports that this is really R99. Watch this space. 2002-02-25 (Van der Veen): No further interest, so spec withdrawn.

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	1
RP-04	1999-06-23	0	.	1	.	0
RP-05	1999-10-13	0	.	2	.	0
RP-06	1999-12-17	1	.	0	.	0

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## TR 25.932 Delay budget within the access stratum

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: ->25.853 @ TSG#10.

WG (prime / other): R3 / - rapporteur: PENAS, Enrico MOTOROLA Ltd

G: U: yes CALDENHOVEN, Juergen

remarks - this release: TSG#10:2.0.0; approved renumbered as 25.853.

history (event, available, version, comments, hyperlink):

RP-08	2000-06-23	1	.	0	.	0
RP-09	2000-10-05	1	.	1	.	0
RP-10	2001-01-22	2	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.933 IP transport in UTRAN

Rel-4  
current version: none  
freeze\_meeting: RP-15

remarks - general:

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: DREVON, Nicolas  
MCC: CALDENHOVEN, Juergen  
ALCATEL S.A.  
remarks - this release: 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).

history (event, available, version, comments, hyperlink):

draft	2000-05-15	0	0	1	
R3-13	2000-06-15	0	1	0	
R3-13	2000-07-15	0	1	1	
RP-09	2000-08-15	0	2	0	
RP-10	2000-12-21	0	4	0	RP-000644
RP-11	2001-04-06	1	0	0	
RP-12	2001-07-05	1	1	0	RP-010425
RP-13	2001-10-01	1	4	0	RP-010642
draft	2001-11-13	1	4	1	to Rel-5
RP-14	2001-12-06	1	5	0	RP-010876
draft	2002-01-02	1	5	1	
RP-15	2002-03-19	1	7	1	RP-020136, withdrawn
RP-15	2002-03-19	2	0	0	RP-020137

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## TR 25.938 Terminal power saving features

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: R3-27: abandoned.

WG (prime / other): R3 / -  
G: U: yes  
rapporteur: CHOI, Sungho  
MCC: CALDENHOVEN, Juergen  
SAMSUNG Electronics Co., Japan R&D Office  
remarks - this release: RP-15: Withdrawal confirmed.

history (event, available, version, comments, hyperlink):

draft	2000-08-15	0	0	1	
draft	2000-10-05	0	1	0	
RP-10	2000-12-21	0	1	1	RP-000654
RP-11	2001-04-06	2	0	0	R3-27: abandoned, confirmed RP-15.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.951 Base Station (BS) classification (FDD)

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): R4 / - rapporteur: SÄYNÄJÄKANGAS, NOKIA Corporation

Tuomo

G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release: 2002-01-24: Gutierrez: moved to Rel-5

remarks - general:

history (event, available, version, comments, hyperlink):

R4-13	2000-11-21	0	0	1	R4-000572
RP-10	2000-12-21	1	0	0	RP-000598
R4-16		1	0	1	R4-010257
RP-13	2001-10-01	1	1	0	RP-010681

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## TR 25.952 Base Station classification (TDD)

Rel-4  
current version: none  
freeze\_meeting:

WG (prime / other): R4 / - rapporteur: AXNESS, Timothy INTERDIGITAL COMMUNICATIONS CORPORATION  
G: U: yes  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release: -> Rel-5

history (event, available, version, comments, hyperlink):

draft	2000-11-21	0	0	1	
RP-10	2000-12-21	1	0	0	
RP-11	2001-04-10	1	1	0	

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## TR 25.998

Rel-4  
current version: none  
freeze\_meeting:

WG (prime / other): R2 / rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

G: U: yes  
MCC: ARZELIER, Claude

remarks - general:

This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected remarks - this release: No technical contents, merely a pointer to the latest Release version.  
the notion of this TR, so stopped.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

Rel-4 **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.078 Results of the AMR noise suppression selection phase

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Replaced by 26.978.

WG (prime / other): S4 / -  
G: U: yes  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - this release: Replaced by 26.978.

history (event, available, version, comments, hyperlink):  
SP-11 4 . 0 . 0

## TS 26.226 Cellular text telephone modem; General description

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text telephony (GTT);Transport of text in the voice channel".

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: HELLSTROM, Gunnar  
MCC: USAI, Paolino  
Omnitor AB

history (event, available, version, comments, hyperlink):  
SP-08 2000-06-23 0 . 0 . 0  
SP-09 2000-10-18 0 . 0 . 9  
draft 2000-10-24 0 . 0 . 10  
SP-10 2000-12-21 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code

Rel-4

WG (prime / other): S4 / -  
G: yes U: yes

rapporporteur: HELLSTROM, Gunnar Omnitron AB  
MCC: USAI, Paolino

freeze\_meeting: SP-11  
remarks - general: SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text telephony (GTT); Cellular text telephone modem transmitter C-code description" to reflect document

history (event, available, version, comments, hyperlink):

SP-10 2000-10-01 0 . 0 . 1  
SP-10 2000-12-21 4 . 0 . 0

[get it](#)

## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4

WG (prime / other): S4 / -  
G: yes U: yes

rapporporteur: OJALA, Pasi Nokia Research Center  
MCC: USAI, Paolino

remarks - general:

remarks - this release: SP-12: withdrawn from Rel-4, moved to Rel-5.

history (event, available, version, comments, hyperlink):

draft 2000-10-01 0 . 0 . 1  
draft 2000-11-16 0 . 0 . 2  
SP-10 2000-12-21 1 . 0 . 0 NP-000567  
SP-11 2001-04-10 4 . 0 . 0  
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

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## TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4

WG (prime / other): S4 / -  
G:

rapporporteur: HONKO, Harri NOKIA Corporation  
MCC: USAI, Paolino

remarks - general:

remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.920 Architectural Model for the 3G Transcoders

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / other): S4 / -  
G: U: yes

rapporporteur: NAVARRO, William  
MCC: USAI, Paolino  
NORTEL NETWORKS (EUROPE)

remarks - general: 2000-01-22: S4 TFO group discontinues work on this report.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-26 0 . 1 . 1

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## Rel-4 28 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

## TS 28.020

Rel-4  
Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

current\_version: none  
freeze\_meeting: SP-11

WG (prime / other): N3 / -  
G: U: yes

rapporporteur: BOSWARTHICK, David  
MCC: HAN, Seung Don  
ETSI Secretariat

remarks - general:

remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

history (event, available, version, comments, hyperlink):

## Rel-4 29 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-4  
current version: none  
freeze\_meeting:  
remarks - general: RP-19: stopped.

WG (prime / other): RP / -  
G: yes U: yes

rapporteur: COURAU, François

MCC: GUTIERREZ MIGUELEZ, Cesar

ALCATEL S.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

## Rel-4 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

### TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4  
current version: none  
freeze\_meeting: NP-11  
remarks - general: NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series  
remarks - this release: 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.

WG (prime / other): N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):

NP-09 2000-11-08 4 . 0 . 0  
TR no. corrected 2001-02-02 4 . 0 . 1 NP-19: Replaced by 30.902 v4.0.2.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4  
current\_version: none  
freeze\_meeting: SP-11  
remarks - general: RP-20: stopped

WG (prime / other): R4 / -  
U: yes  
rapporteur: IWASA, Masaaki  
MCC: GUTIERREZ MIGUELEZ, Cesar  
G: MOTOROLA JAPAN LTD

remarks - this release: RP-15: Not to be promoted to Rel-5. RP-20: stopped

### history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0
draft	2000-12-21	0	.	8	.	6
RP-04	1999-06-23	1	.	0	.	0
RP-05	1999-10-13	1	.	4	.	0
RP-06	1999-12-17	2	.	0	.	0
RP-08	2000-06-23	2	.	2	.	0

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## TR 30.801

Rel-4  
current\_version: none  
freeze\_meeting: SP-11  
remarks - general:

WG (prime / other): S2 / -  
U: yes  
rapporteur: SULTAN, Alain  
MCC: BOSWARTHICK, David  
G: SOURCE COM

remarks - this release: TSG#11: Work stopped.

### history (event, available, version, comments, hyperlink):

draft	1999-07-30	0	.	1	.	0
draft	1999-08-30	0	.	2	.	0
draft	1999-09-30	0	.	3	.	0
SP-05	1999-10-13	1	.	0	.	0
draft	1999-12-02	1	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.802 Project plan on Bearer Services and QoS

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One  
G: U: yes MCC: BOSWARTHICK, David

remarks - general:

remarks - this release: 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 1 . 0 . 0  
SP-09 4 . 0 . 0

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## TR 30.804 Project plan on GSM/UMTS Interoperation and Mobility Management

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): S2 / - rapporteur: COURAU, François ALCATEL S.A.  
G: U: yes MCC: BOSWARTHICK, David

remarks - general:

remarks - this release: TSG#11: Work stopped.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 1 . 0 . 0

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## TR 30.806 Project plan on Location based services

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): S2 / - rapporteur: KÄLL, Jan NOKIA Corporation  
G: U: yes MCC: BOSWARTHICK, David

remarks - general:

remarks - this release: TSG#11: Work stopped.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 1 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.808 Project plan on Packet Architecture and Circuit Architecture

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: DROPMANN, Ulrich  
MCC: BOSWARTHICK, David  
SIEMENS AG  
remarks - this release: TSG#11: Work stopped.

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 1 . 0 . 0

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## TR 30.810 Project plan on Security

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: PUDNEY, Chris  
MCC: BOSWARTHICK, David  
VODAFONE Group Plc  
remarks - this release: TSG#11: Work stopped.

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-24 1 . 0 . 0

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## TR 30.812 Project plan on Services and Service platforms

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S2 / -  
G: U: yes  
rapporteur: SCHMERSEL, Rob  
MCC: BOSWARTHICK, David  
CELLPOINT SYSTEMS AB  
remarks - this release: TSG#11: Work stopped.

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 1 . 0 . 0

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Rel-4 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-4  
current version: none  
freeze\_meeting: SP-15

remarks - general:

WG (prime / other): T3 /  
G: U: yes  
rapporteur: KALINER, Stefan  
MCC: THOMASEN, Gert  
T-Mobile International AG

remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

history (event, available, version, comments, hyperlink):

TP-15 2002-03-28 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#)  
valid.

## Rel-4 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

### TS 32.104 Telecommunication management; 3G Performance Management

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S5 / -  
G: U: yes  
rapporteur: HÜBINETTE, Ulf  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

history (event, available, version, comments, hyperlink):

SP-11 2001-03-28 4 . 0 . 0 withdrawn SP-12  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.105 3G charging and billing; Stage 2 description

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S5 / -  
G: U: yes

rappporteur: KOBYLARZ, Thaddeus AT&T Corp.  
MCC: ZOICAS, Adrian

remarks - this release: New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.

history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 0 . 0 . 1  
SP-08 2000-06-23 0 . 0 . 2  
SP-09 2000-09-28 0 . 0 . 3  
draft 2000-10-10 0 . 0 . 4 SP-12: Rel-4 withdrawn.

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## TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

remarks - general: SP-08: split into eight parts

WG (prime / other): S5 / -  
G: yes U: yes

rappporteur: PIRT, Trevor MOTOROLA Ltd  
MCC: ZOICAS, Adrian

remarks - this release: SP-12: withdrawn. See 32.300.

history (event, available, version, comments, hyperlink):

SP-11 2001-03-28 4 . 0 . 0 SP-12: withdrawn.

[get it](#)

## TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service (IS)

Rel-4  
current\_version: none  
freeze\_meeting: SP-12

remarks - general: TSG#8: split into eight parts

WG (prime / other): S5 / -  
G: yes U: yes

rappporteur: TSE, Edwin Ericsson Incorporated  
MCC: ZOICAS, Adrian

remarks - this release: SP-12: withdrawn.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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Server location: WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.106-3** **Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)**  
Rel-4 *current version: Solution Set (SS)* S5 /-  
Ericsson Incorporated *rapporteur:* TSE, Edwin

*freeze\_meeting:* SP-12  
*remarks - general:* TSG#8: split into eight parts

G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

---

**TS 32.106-4** **Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)**  
Rel-4 *current version: Solution Set (SS)* S5 /-  
SIEMENS AG *rapporteur:* POLLAKOWSKI, Olaf

*freeze\_meeting:* SP-12  
*remarks - general:* TSG#8: split into eight parts

G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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**TS 32.106-5** **Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP); Information model (including Network Resource Model)**  
Rel-4 *current version: none* S5 /-  
*freeze\_meeting:* SP-12 *rapporteur:* TOVINGER, Thomas  
Telefon AB LM Ericsson

*remarks - general:* TSG#8: split into eight parts

G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series  
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**TS 32.106-6** **Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
Rel-4 *current version: Solution Set (SS)* S5 /-  
SIEMENS AG *rapporteur:* POLLAKOWSKI, Olaf

*freeze\_meeting:* SP-12  
*remarks - general:* TSG#8: split into eight parts

G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

---

**TS 32.106-7** **Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
Rel-4 *current version: Solution Set (SS)* S5 /-  
SIEMENS AG *rapporteur:* POLLAKOWSKI, Olaf

*freeze\_meeting:* SP-12  
*remarks - general:* TSG#8: split into eight parts

G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

---

**TS 32.106-8** **Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects**  
Rel-4 *current version:* none S5 /- *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 MCC: ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* SP-12: withdrawn. See 32.600.

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-03-28 4 . 0 . 0 SP-12: withdrawn.

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series  
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## TS 32.111 3G Fault Management

Rel-4 current version: none  
freeze\_meeting: SP-11

remarks - general: TSG#8: split into 4 parts

WG (prime / other): S5 / -  
G: U: yes

rappporteur: CICHITTO, Gaetano  
MCC: ZOICAS, Adrian  
SIEMENS Mobile Communications S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-03-28 4 . 0 . 0

[get it](#)

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## TS 32.112-1

Rel-4 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements  
current version: none  
freeze\_meeting:

remarks - general: SP-12: stopped. See 32.311.

WG (prime / other): S5 /

rappporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2 . 0 . 0 SP-010285

---

## TS 32.112-2

Rel-4 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service  
current version: none  
freeze\_meeting:

remarks - general: SP-12: stopped. See 32.312.

WG (prime / other): S2 /

rappporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: BOSWARTHICK, David  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2 . 0 . 0 SP-010285

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series  
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## TS 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-4  
current version: none  
freeze\_meeting: NP-13  
remarks - general: 2004-03-29: S5 Project Manager: "services operations management" removed from title.  
WG (prime / other): S5 / -  
G: yes U: yes  
rapporteur: ISLIP, John  
MCC: ZOICAS, Adrian  
Lucent Technologies Network Systems UK  
remarks - this release: TSG#8:0.1.0 but associated WI not approved. SP-12: moved to rel-5.

history (event, available, version, comments, hyperlink):  
draft 2000-08-01 0 . 1 . 0

[get it](#)

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## TS 32.301-1 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Replaces 32.106 (pars). SP-12: stopped. See 32.301.  
WG (prime / other): S5 / -  
G: U: yes  
rapporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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## TS 32.301-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Replaces 32.106-2SP-12: stopped. See 32.302.  
WG (prime / other): S5 / -  
G: U: yes  
rapporteur: TSE, Edwin  
MCC: ZOICAS, Adrian  
Ericsson Incorporated  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.301-3** Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)  
Rel-4 current version: solution set none WG (prime / other): S5 /- rapporteur: SCHEER, Randal Lucent Technologies

freeze\_meeting: SP-11  
remarks - general: Replaces 32.106-3 SP-12: stopped. See 32..303.

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

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**TS 32.301-4** Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution  
Rel-4 current version: none WG (prime / other): S5 /- rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian  
remarks - general: Replaces 32.106-4 SP-12: stopped. See 32..304.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

[get it](#)

**TS 32.312-1** Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements  
Rel-4 current version: none WG (prime / other): S5 / rapporteur: N, A  
freeze\_meeting: SP-11 G: yes U: yes MCC: ZOICAS, Adrian  
remarks - general: -> 32.111

Indicate persons who left Company and wait for new One

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series  
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## TS 32.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-4 current version: none  
freeze\_meeting: none  
remarks - general: was 32.104 (pars). SP-13: replaced by 52.402.  
WG (prime / other): S5 / -  
G: yes U:   
rappporteur: NENNER, Karl-Heinz T-Mobile International AG  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-21 1 . 0 . 0 [get it](#)  
SP-13 2001-10-11 2 . 0 . 0 SP-010467 approved as 52.042 [get it](#)

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## TS 32.601-1 Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements

Rel-4 current version: none  
freeze\_meeting: none  
remarks - general: Replaces 32.106 (pars). SP-12: stopped. See 32.601.  
WG (prime / other): S5 / -  
G: yes U: yes  
rappporteur: WILBER, John  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.601-2 Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model

Rel-4 current version: none  
freeze\_meeting: none  
remarks - general: Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.  
WG (prime / other): S5 / -  
G: yes U: yes  
rappporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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**TS 32.601-3** **Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
Rel-4 current version: solution set S5 /-  
SIEMENS AG POLLAKOWSKI, Olaf  
rapporteur:

freeze\_meeting: none  
remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.  
G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release: ZOICAS, Adrian

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.601-4** **Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
Rel-4 current version: none S5 /-  
freeze\_meeting: U: yes MCC: TOVINGER, Thomas  
rapporteur: ZOICAS, Adrian  
Telefon AB LM Ericsson  
remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.604.  
G: U: yes MCC: ZOICAS, Adrian  
remarks - this release: ZOICAS, Adrian

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.602-1** **Telecommunication management; Configuration Management (CM); CMT: Bulk CM Integration Reference Point (IRP) requirements**  
Rel-4 current version: none S5 /-  
freeze\_meeting: U: yes MCC: ZOICAS, Adrian  
rapporteur: N, A  
Indicate persons who left Company and wait for new  
One  
remarks - general: SP-12: stopped. See 32.611.  
G: U: yes MCC: ZOICAS, Adrian  
remarks - this release: ZOICAS, Adrian

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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**TS 32.602-2** **Telecommunication management; Configuration Management (CM); CMT: Bulk Configuration Management Integration Reference Point (IRP): Information service**  
Rel-4 *current version:* none *WG (prime / other):* S5 / *rappporteur:* N, A *MCC:* ZOICAS, Adrian  
*freeze\_meeting:* *U:* yes *remarks - this release:*  
*remarks - general:* SP-12: stopped. See 32.612.

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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**TS 32.602-3** **Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker**  
Rel-4 *current version:* Architecture (CORBA) solution set *WG (prime / other):* S5 *rappporteur:* BONNEAU, Frédéric  
NORTEL NETWORKS (EUROPE)

*freeze\_meeting:*

*remarks - general:* SP-12: stopped. See 32.613.

*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0

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**TS 32.602-4** **Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information**  
Rel-4 *current version:* Protocol (CMIP) solution set *WG (prime / other):* S5 *rappporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:*

*remarks - general:* SP-12: stopped. See 32.614.

*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TS 32.602-5 Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition

Rel-4  
current version: none  
freeze\_meeting:  
WG (prime / other): S5 / rapporteur: N, A  
MCC: ZOICAS, Adrian  
G: U: yes  
remarks - this release: Indicate persons who left Company and wait for new One

SP-12: stopped. See 32.615.

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.620-1 Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements

Rel-4  
current version: none  
freeze\_meeting:  
WG (prime / other): S5 / - rapporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian  
G: yes U: yes  
remarks - this release: MOTOROLA Ltd

SP-12: stopped. See 32.621.

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.620-2 Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4  
current version: none  
freeze\_meeting:  
WG (prime / other): S5 / - rapporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian  
G: yes U: yes  
remarks - this release: Telefon AB LM Ericsson

SP-12: stopped. See 32.622.

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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**TS 32.620-3** Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP); Common Object Request Broker  
Rel-4 current version: Architecture (CORBA) solution set none S5 /-  
SIEMENS AG

WG (prime / other): S5  
MCC: ZOICAS, Adrian  
rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting:  
remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.

G: yes U: yes  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

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---

**TS 32.620-4** Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information  
Rel-4 current version: Protocol (CMIP) solution set none S5 /-  
Telefon AB LM Ericsson

WG (prime / other): S5  
MCC: ZOICAS, Adrian  
rapporteur: TOVINGER, Thomas

freeze\_meeting:  
remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.624.

G: yes U: yes  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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**TS 32.621-1** Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements  
Rel-4 current version: none S5 /-  
SIEMENS AG

WG (prime / other): S5 /-  
MCC: ZOICAS, Adrian  
rapporteur: PIRT, Trevor  
MOTOROLA Ltd

freeze\_meeting:  
remarks - general: Replaces 32.106 (pars),SP-12: stopped. See 32.631.

G: yes U: yes  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TS 32.621-2 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP); Network Resource Model (NRM)

Rel-4 current version: none rapporteur: TOVINGER, Thomas

freeze\_meeting: U: yes G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.621-3 Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP); Common Object Request Broker

Rel-4 current version: Architecture (CORBA) solution set none WG (prime / other): S5 rapporteur: POLLAKOWSKI, Olaf

SIEMENS AG

freeze\_meeting:

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.621-4 Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP); Common Management Information

Rel-4 current version: Protocol (CMIP) solution set none WG (prime / other): S5 rapporteur: TOVINGER, Thomas

Telefon AB LM Ericsson

freeze\_meeting:

G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.634.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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## TS 32.622-1 Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements

Rel-4 current version: none rapporteur: PIRT, Trevor  
freeze\_meeting: MOTOROLA Ltd  
G: U: yes MCC: ZOICAS, Adrian

remarks - general: Replaces 32.106 (pars).SP-12: stopped. See 32.641.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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## TS 32.622-2 Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 current version: none rapporteur: TOVINGER, Thomas  
freeze\_meeting: Telefon AB LM Ericsson  
G: U: yes MCC: ZOICAS, Adrian

remarks - general: Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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## TS 32.622-3 Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker

Rel-4 current version: Architecture (CORBA) solution set none rapporteur: S5 /-  
SIEMENS AG MCC: ZOICAS, Adrian

freeze\_meeting: ZOICAS, Adrian  
remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-12 2001-06-18 2 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TS 32.622-4 Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information

Rel-4 current version: Protocol (CMIP) solution set none WG (prime / other): S5 / - rapporteur: TOVINGER, Thomas  
Telefon AB LM Ericsson

### freeze\_meeting:

replaces 32.107 (pars) SP-12: stopped. See 32.644.

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements

Rel-4 current version: none S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd  
freeze\_meeting: U: yes MCC: ZOICAS, Adrian

replaces 32.106 (pars) SP-12: stopped. See 32.651.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

---

## TS 32.623-2 Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 current version: none S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
freeze\_meeting: U: yes MCC: ZOICAS, Adrian

replaces 32.106-5 (pars) SP-12: stopped. See 32.652.

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)  
WITHDRAWN specs Rel-4 32 .- series

**TS 32.623-3** Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker  
Rel-4 current version: Architecture (CORBA) solution set S5 /- POLLAKOWSKI, Olaf  
SIEMENS AG rapporteur:

*freeze\_meeting:*  
*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.

G: yes U: ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

**TS 32.623-4** Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information  
Rel-4 current version: Protocol (CMIP) solution set S5 /- TOVINGER, Thomas  
Telefon AB LM Ericsson rapporteur:

*freeze\_meeting:*  
*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.

G: yes U: ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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Rel-4 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: WITHDRAWN specs Rel-4 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33-800 Principles for Network Domain Security

Rel-4 current version: none

freeze\_meeting:

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.  
WG (prime / other): S3 / - rapporteur: ESCOTT, Adrian  
G: U: yes POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release: v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

history (event, available, version, comments, hyperlink):

draft 0 . 3 . 5

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## TR 33-900 Guide to 3G security

Rel-4 current version: none

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / - rapporteur: BROOKSON, Charles  
G: U: yes DTI - Department of Trade and Industry  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TR 33-904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms

Rel-4 current version: none

freeze\_meeting: SP-11

remarks - general: Source: ETSI SAGE.

WG (prime / other): S3 / SAGE rapporteur: VACANT,

G: U: yes POPE, Maurice

MCC: POPE, Maurice  
remarks - this release: SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.

history (event, available, version, comments, hyperlink):

draft 2 . 0 . 0

only available as

<http://www.3gpp.org/TB/other/algorithms/>

KASUMI\_Eval\_rep\_v20.pdf

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

Rel-4 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

## TS 41.001 GSM Specification set

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: ->41.102, renumbered at TSG#10.

WG (prime / other): SP / -  
G: yes U:  
rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice  
remarks - this release: ->41.102

history (event, available, version, comments, hyperlink):

SP-10 2000-12-03 1 . 0 . 0 [get it](#)

## TS 41.102 GSM Release 4 specifications

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): SP / -  
G: yes U:  
rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice  
remarks - general: Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4. remarks - this release: SP-20: Superseded by 41.101 Rel-4.

history (event, available, version, comments, hyperlink):

SP-10 1 . 0 . 0  
SP-10 2001-01-04 1 . 0 . 1 [get it](#)  
SP-11 2001-04-11 4 . 0 . 0 [get it](#)  
SP-12 2001-07-05 4 . 1 . 0 [get it](#)  
SP-13 2001-10-01 4 . 2 . 0 [get it](#)  
SP-14 2002-01-03 4 . 3 . 0 [get it](#)  
SP-15 2002-03-27 4 . 4 . 0 [get it](#)  
SP-16 2002-06-19 4 . 5 . 0 [get it](#)  
post SP-16 editorial 2002-06-25 4 . 5 . 1 [get it](#)  
  
SP-17 2002-09-18 4 . 6 . 0 [get it](#)  
SP-18 2003-01-03 4 . 7 . 0 [get it](#)  
SP-19 2003-03-27 4 . 8 . 0 [get it](#)  
SP-20 2003-06-25 4 . 9 . 0 withdrawn -> 41.101 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

Rel-4 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-4  
current version: none  
freeze\_meeting: SP-11  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.  
G: yes U:  
MCC: POPE, Maurice  
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn. [get it](#)

## TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-4  
current version: none  
freeze\_meeting: SP-11  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

remarks - general: SP-16: withdrawn in favour of 22.032.  
G: yes U:  
MCC: POPE, Maurice  
remarks - this release: SP-16: withdrawn in favour of 22.032.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

## TS 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1

Rel-4  
current version: none  
freeze\_meeting: SP-11  
WG (prime / other): T3 / S3 rapporteur: BARNES, Nigel  
MOTOROLA Ltd  
G: yes U:  
MCC: THOMASEN, Gert

remarks - general: TP-12: Becomes 22.048.  
remarks - this release: TP-12: Becomes 22.048.

history (event, available, version, comments, hyperlink):

TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / other): S4 / rapporteur: NAVARRO, William

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general: Scrapped - see 22.053, Rel-4 onwards.

remarks - this release:

history (event, available, version, comments, hyperlink):

## Rel-4 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

### TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new One

G: yes U: MCC: POPE, Maurice

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.  
Rel-5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn.

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.035 Immediate Service Termination (IST); Stage 2

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice  
remarks - this release: SP-16: withdrawn in favour of 23.035.

remarks - general: SP-16: withdrawn in favour of 23.035.

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0  
SP-15 2002-03-26 4 . 1 . 0

[get it](#)  
[get it](#)

## TS 43.046 Technical Realization of Facsimile Group 3 Service - non transparent

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
HAN, Seung Don

G: yes U:

remarks - general: 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.  
2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.

history (event, available, version, comments, hyperlink):

post-NP-14 2002-01-23 4 . 0 . 0 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.

[get it](#)

## TS 43.048 Security Mechanisms for SIM Toolkit Application; Stage 2

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / other): T3 / - rapporteur: BARNES, Nigel MOTOROLA Ltd  
THOMASEN, Gert

G: yes U:

remarks - this release: TP-12: replaced by 23.048.

remarks - general: TP-12: replaced by 23.048.

history (event, available, version, comments, hyperlink):

TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.051** **GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2**  
Rel-4 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation  
*current version:* none *MCC:* USAI, Paolino  
*freeze\_meeting:* SP-11  
*remarks - general:* Originally created as 03.51r00  
*remarks - this release:* Created after TSG#8. GP-08: withdrawn

*history (event, available, version, comments, hyperlink):*  
GP-02 2001-01-05 4 . 0 . 0 GP-08: withdrawn

[get it](#)

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**TS 43.063** **Packet Data on Signalling channels service (PDS) Service description, Stage 2**  
Rel-4 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*current version:* none *MCC:* JURISIC, Andrijana  
*freeze\_meeting:* SP-11  
*remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.

*history (event, available, version, comments, hyperlink):*  
NP-11 2001-04-11 4 . 0 . 0

[get it](#)

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**TS 43.071** **Location Services (LCS); Functional description; Stage 2 (GSM)**  
Rel-4 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard NORTEL NETWORKS (EUROPE)  
*current version:* none *MCC:* BOSWARTHICK, David  
*freeze\_meeting:* SP-11  
*remarks - general:* Superseded by 23.271 Rel-4. *remarks - this release:* Superseded by 23.271 Rel-4.

*history (event, available, version, comments, hyperlink):*  
SP-11 4 . 0 . 0

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Rel-4 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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WITHDRAWN specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.008 Mobile radio interface layer 3 specification

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew  
G: yes U: JURISIC, Andrijana  
MCC: MOTOROLA Ltd

remarks - this release: withdrawn at NP-15.

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0 withdrawn NP-15

[get it](#)

## TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.

WG (prime / other): N1 / - rapporteur: JACOBSONH, Dieter  
G: yes U: JURISIC, Andrijana  
MCC: T-MOBILE DEUTSCHLAND

remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0

[get it](#)

## Rel-4 48 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

### TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general: -> 28.062

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.

remarks - this release: -> 28.062

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

## Rel-4 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

**TR 49.994** **Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
Rel-4 *current version:* none / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* *WG (prime / other):* N1 / - *Skov*  
*G: yes U:* JURISIC, Andrijana  
*MCC:* *remarks - this release:*  
*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

*history (event, available, version, comments, hyperlink):*

## Rel-4 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

**TR 50.043** **Support of Localised Service Area (SoLSA): Work Item Status**  
Rel-4 *current version:* none / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *MCC:* CLAYTON, Michael  
*remarks - general:* *WG (prime / other):* S1 / - *remarks - this release:* 2001-April:Clayton: stopped.

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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## TS 50.056 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

Rel-4 WG (prime / other): S2 / -

rappporteur: GALLIGO, Michel

MCC: BOSWARTHICK, David

ALCATEL S.A.

freeze\_meeting: SP-11

G: yes U:

remarks - general: Apr 2001 - Sultan: no Rel-4 will exist

remarks - this release: Apr 2001 - Sultan: no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

history (event, available, version, comments, hyperlink):

SP-11 4 . 0 . 0 not to be produced

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## TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

Rel-4 WG (prime / other): GP / -

rappporteur: ISAACS, Ken

MCC: USAI, Paolino

SIEMENS AG

freeze\_meeting: SP-11

G: yes U:

remarks - general:

remarks - this release: Usai Apr-2001 : will never be produced.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

## TR 50.099 GERAN project plan and open issues

Rel-4  
current version: none  
freeze\_meeting: SP-11  
WG (prime / other): GP / -  
rapporteur: GRANT, Marc  
MCC: USAI, Paolino  
Cingular Wireless LLC  
remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down.  
Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.  
remarks - this release: GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly numbered and were not subsequent at all, so do not appear in history; latest draft is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".

### history (event, available, version, comments, hyperlink):

draft	2000-10-09	0	0	1	<a href="#">get it</a>
draft	2000-11-06	0	0	2	<a href="#">get it</a>
draft	2000-04-02	0	0	2	<a href="#">get it</a>
draft	2000-05-08	0	0	3	<a href="#">get it</a>
draft	2000-05-28	0	0	4	<a href="#">get it</a>
GP-04	2000-05-10	0	0	6	2002-01-23: Usai indicates "stopped".
draft		0	0	7	<a href="#">get it</a>
draft		0	0	8	
GP-05		0	0	9	
GP-06		0	0	10	
GP-07		0	0	11	
GP-07		0	0	12	
GP-07		0	0	13	
draft	2002-04-12	0	0	15	<a href="#">get it</a>
GP-09	2002-04-22	0	0	16	GP-021208
draft	2002-09-17	0	0	20	<a href="#">get it</a>
GP-12	2002-11-26	0	23	0	GP-023436

Rel-4

51 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

**TS 51.010-5** **Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)**  
Rel-4 *current version:* none *WG (prime / other):* G3new/ T1 *rapporporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-26 *MCC:* BAEV, Stoyan  
*remarks - general:* Should number really be 31.010-5? *remarks - this release:* GP-23: Decided not to back create from Rel-6.

*history (event, available, version, comments, hyperlink):*

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Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

**TS 52.071** **Location Services (LCS); Location services (LCS) management**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-13: withdrawn - see SP-010472.

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-03-28 4 . 0 . 0 withdrawn SP-13 [get it](#)  
SP-13 2001-10-03 4 . 1 . 0 This is the version declaring itself to be [get it](#)  
withdrawn. A sort of non-version. Anti-bootstrapping (autointerment?)

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Rel-4 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

## TS 55.205

Rel-4

**Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / -

*G: yes U:*

*rappporteur:* WALKER, Michael

*MCC:* POPE, Maurice

*VODAFONE Group Plc*

*remarks - general:* Not subject to export control.

*remarks - this release:* Fill in of missing Release SP-26: decided that no need to back-fill earlier Releases.

*history (event, available, version, comments, hyperlink):*

## R00

R00

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.68

R00

**Voice Group Call Service (VGCS); Stage 1**

*current version:* none

*freeze\_meeting:*

*WG (prime / other):* S1 / -

*G: yes U:*

*rappporteur:* CLAYTON, Michael

*MCC:* CLAYTON, Michael

*EMCOM Ltd*

*remarks - general:*

*remarks - this release:* #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R00 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R00

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): S1 / -

G: yes U:

rapporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this release: #32.9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 9 . 0 . 0

[get it](#)

R00

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.20 Security-related network functions

R00

current version: none

freeze\_meeting: SP-11

remarks - general:

WG (prime / other): S3 / NP / GP

G: yes U:

rapporteur: NGUYEN NGOC, Sebastien

MCC: POPE, Maurice

France Telecom

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-32 2001-01-16 9 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:05:57

WITHDRAWN specs R00 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

R00  
current version: none

freeze\_meeting:

remarks - general: -> 43.051

WG (prime / other): G1 / -

G: yes U:

rappporteur: SÉBIRE, Guillaume

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TS 03.59 Location services (LCS) GERAN; Stage 2

R00  
current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): G1 / -

G: yes U:

rappporteur: LIVINGSTON, Margaret

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release: replaced by 43.059

history (event, available, version, comments, hyperlink):

draft 2000-05-30 0 . 0 . 1

[get it](#)

---

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R00  
current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): N1 / -

G: yes U:

rappporteur: GARAPATY, Sonia

MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this release: #32.9.0.0 TSG#8:9.0.0->43.068v4.0.0

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 9 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs R00 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R00 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): N1 / -

rapporteur: MÜNNING, Dirk

MCC: JURISIC, Andrijana

G: yes U:

remarks - this release: #32.9.0.0 TSG#8.9.0.0->43.069v4.0.0

DETECON GMBH

history (event, available, version, comments, hyperlink):

smg-30 2000-06-20 9 . 0 . 0

[get it](#)

R00

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.18

R00 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): G2 / -

rapporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

G: yes U:

remarks - this release: Aug00: replaced by 44.018

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 9 . 0 . 0

[get it](#)

## TS 04.68

R00 Group Call Control (GCC) Protocol

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): N1 / -

rapporteur: GARAPATY, Sonia

MCC: JURISIC, Andrijana

G: yes U:

remarks - this release:

Nortel Networks (USA)

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 9 . 0 . 0 >44.069v4.0.0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R00 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.69 Broadcast Call Control (BCC) protocol

R00 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia

G: yes U:

MCC:

Nortel Networks (USA)

JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 9 . 0 . 0 ->44.069v4.0.0

[get it](#)

## R00 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

### TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter

Skov

THOMASEN, Gert

MCC:

QUALCOMM EUROPE S.A.R.L.

THOMASEN, Gert

remarks - this release: #32:9.0.0 Aug00: replaced by 48.008

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0

smg-30 1999-11-11 8 . 1 . 0

smg-30b 1999-12-06 8 . 2 . 0

smg-31 2000-02-16 8 . 3 . 0

smg-31b 2000-04-17 8 . 4 . 0

Fix graphics 2000-05-16 8 . 4 . 1

smg-32 2000-06-20 8 . 5 . 0

smg-32 2000-06-20 9 . 0 . 0

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## R00 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R00 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.99 GERAN project plan and open issues

R00 current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): - /  
G: yes U:

rappporteur: MUELLER, Frank  
MCC: N, A  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):  
draft (as 10.99) 2000-05-30 0 . 0 . 5

[get it](#)

## R00 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

### TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R00 current version: none  
freeze\_meeting:

remarks - general:

R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

G3new/ S1 / rapporteur: SALMERON, Lidia  
NP / TELEPLUS LIMITED  
T2 /  
SCP

G: yes U: BAEV, Stoyan  
MCC:

remarks - this release: #32:9.0.0->51.010-1v4.0.1

history (event, available, version, comments, hyperlink):  
smg-32 2000-06-20 9 . 0 . 0  
edito 2000-07-12 9 . 0 . 1

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R00 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00

*current version:* none  
*freeze\_meeting:*  
WG (prime / other): G3new/ S1 / NP / T2 / SCP  
rapporteur: SALMERON, Lidia TELEPLUS LIMITED

G: yes U:  
MCC: BAEV, Stoyan  
remarks - this release: #32:9.0.0->51.010-3v4.0.0

remarks - general: 2001-11-19: G4->G5.

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0 Tdoc 7-00-276; P-00-266 [get it](#)

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## R00 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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### TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)

R00

*current version:* none  
*freeze\_meeting:*  
WG (prime / other): R3 / - rapporteur: PARK, Jin Hyo SK TELECOM  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general: remarks - this release: -> Rel-4

*history (event, available, version, comments, hyperlink):*

draft 2000-08-15 0 . 0 . 1  
RP-10 2000-09-21 0 . 1 . 0 RP-000642 [get it](#)  
[get it](#)

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## R99

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

R99 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.00 Working Procedures for SMG and PT SMG

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): SP / - rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
G: yes U: MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0 SP-15: withdrawn since SMG and PT-  
SMG no longer exist. [get it](#)

## TS 01.56

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

### GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements

WG (prime / other): S1 / - rapporteur: POIRAUD, Patrick ALCATEL S.A.  
G: yes U: MCC: CLAYTON, Michael

remarks - this release: CTS is dead duck

history (event, available, version, comments, hyperlink):

Withdrawn 2000-11-16 8 . 0 . 0 [get it](#)

R99 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R99  
current version: none  
freeze\_meeting: SP-06

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

G: yes U:

S1 / -

remarks - this release: TSG#6: ->3G

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0  
smg-29 1999-06-25 8 . 1 . 0  
smg-30 2001-10-25 8 . 2 . 0  
ETSI publication 2001-10-30 8 . 2 . 1

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[get it](#)  
[get it](#)  
[get it](#)

---

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R99  
current version: none  
freeze\_meeting: SP-06

Research in Motion UK Limited

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

G: yes U:

S1 / -

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R99  
current version: none  
freeze\_meeting: SP-06

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

G: yes U:

S1 / -

remarks - this release: #30: 8.0.0 TSG#6->3g

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0 withdrawn

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.04 General on Supplementary Services

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: Research in Motion UK Limited

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0  
smg-29 1999-06-26 8 . 1 . 0 withdrawn (becomes 22.004)

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[get it](#)

## TS 02.07 Mobile Station (MS) Features

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / - rapporteur: WATSON, John  
G: yes U: VODAFONE Group Plc

MCC: CLAYTON, Michael

remarks - this release: TSG#6: withdrawn

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0  
smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.

[get it](#)

## TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
G: yes U: Indicate persons who left Company and wait for new One

MCC: POPE, Maurice

remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0  
ETSI publication 2001-06-05 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031.

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.32 Immediate Service Termination (IST); Service description; Stage 1

R99  
current version: none  
freeze\_meeting: SP-06  
WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice  
remarks - this release: SP-16: withdrawn in favour of 22.032 R99.

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-02-14 8 . 0 . 0  
ETSI publication 2001-06-05 8 . 0 . 1

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[get it](#)

## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R99  
current version: none  
freeze\_meeting: SP-06  
WG (prime / other): S1 / rapporteur: KOKKOLA, Tommi  
NOKIA Corporation  
G: yes U:

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0  
smg-29 1999-06-25 8 . 1 . 0 withdrawn -> 22.034

[get it](#)  
[get it](#)

## TS 02.38 SIM application toolkit (SAT); Stage 1

R99  
current version: none  
freeze\_meeting: SP-06  
WG (prime / other): S1 / SCP rapporteur: CARPENTER, Paul  
Research in Motion UK Limited  
G: yes U:

MCC: CLAYTON, Michael

remarks - this release: Place holder - no spec.

remarks - general: Moved from T3 Jan-00.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.40 Procedures for Call Progress Indications

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / NP  
G: yes U: rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release: R99 -> 22.101

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0 withdrawn. The text for 02.40 was moved to 22.001. refer to CR 22.001-001 which resulted in version 3.1.0 of 22.001.

[get it](#)

---

## TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 /  
G: yes U: rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 22.042

[get it](#)

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## TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / -  
G: yes U: rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.60 General Packet Radio Service Stage 1 Description

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited

remarks - this release: #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0  
smg-29 1999-06-25 8 . 1 . 0

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## TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: GRECH, Michel  
MCC: CLAYTON, Michael  
Lucent Technologies Network Systems UK

remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
ORANGE SA

remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 8 . 0 . 0

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## TS 02.94 Follow Me Service description; Stage 1

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094.

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or common. 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094.

history (event, available, version, comments, hyperlink):  
smg-28 1 . 0 . 0  
smg-30 1999-11-11 8 . 0 . 0 Withdrawn wef SP-21

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## R99 03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.01 Network Functions

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: SMG3->SA2 @ TSG#7

WG (prime / other): S2 / NP  
G: yes U:  
rapporteur: GAASVIK, Per-Ola  
MCC: BOSWARTHICK, David  
COMVIQ GSM AB

remarks - this release: Never produced; make do with R98 version.

history (event, available, version, comments, hyperlink):  
Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:05:57

WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R99  
*current version:* none  
*freeze\_meeting:* SP-06  
WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim  
Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice

*remarks - general:* 2001-09-03: S3 secretary reports that this spec is not mature enough for official publication. Work continues in 43.031. SP-18: in fact, in 23.031.  
*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 SP-18: withdrawn [get it](#)

---

## TS 03.35 Immediate Service Termination (IST); Stage 2

R99  
*current version:* none  
*freeze\_meeting:* SP-06  
WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim  
Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice

*remarks - this release:* SP-16: withdrawn in favour of 23.035 R99.

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0  
SP-11 2001-04-04 8 . 1 . 0

[get it](#)  
[get it](#)

---

## TR 03.43 Support of Videotex

R99  
*current version:* none  
*freeze\_meeting:* SP-06  
WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U:

MCC: HAN, Seung Don

*remarks - this release:* Frozen at v7

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

frozen at v7 2000-11-20 8 . 0 . 0  
(withdrawn) [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

current version: none  
freeze\_meeting: SP-06

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: MCC: HAN, Seung Don

remarks - this release: Sticks at v7

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

---

## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

current version: none  
freeze\_meeting: SP-06

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: MCC: HAN, Seung Don

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

---

## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

current version: none  
freeze\_meeting: SP-06

WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: MCC: HAN, Seung Don

remarks - this release: clamped at v7

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R99  
WG (prime / other): S2 / -  
G: yes U:  
current version: none  
freeze\_meeting: SP-06  
rapporteur: ROBERTS, Martin Nortel  
MCC: BOSWARTHICK, David  
remarks - general: Never produced; make do with R98 version.

history (event, available, version, comments, hyperlink):  
Upgrade to R99 2000-05-01 8 . 0 . 0

[get it](#)

---

## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R99  
WG (prime / other): N1 / -  
G: yes U:  
current version: none  
freeze\_meeting: SP-06  
rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
MCC: JURISIC, Andrijana  
remarks - general: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

history (event, available, version, comments, hyperlink):  
smg-31 2000-02-16 8 . 0 . 0 NP-15 withdrawn

[get it](#)

---

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R99  
WG (prime / other): N4 / -  
G: yes U:  
current version: none  
freeze\_meeting: SP-06  
rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
MCC: KYMALAINEN, Kimmo  
remarks - general: #28: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 8 . 0 . 0

[get it](#)

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R99 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.22** Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services interface  
R99 current version: Switching Centre (BSS - MSC) interface  
SIEMENS AG

freeze\_meeting: SP-06

remarks - general:

G: yes U:

MCC: HAN, Seung Don

remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

WG (prime / other): N3 / -  
rapporteur: KLEHN, Norbert

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0 withdrawn

[get it](#)

**TS 04.63** Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R99 current version: none

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): N1 / -

rapporteur: JACOBSONH, Dieter

MCC: JURISIC, Andrijana

T-MOBILE DEUTSCHLAND

remarks - this release: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

Editorial correction 2000-04-27 8 . 0 . 1 NP-15 withdrawn

[get it](#)

[get it](#)

**TS 04.94** Follow Me Service description; Stage 3

R99 current version: none

freeze\_meeting: SP-06

remarks - general: TF-139 proposes to abandon; not needed. USSD does all.

WG (prime / other): - / -

rapporteur: SWETINA, Joerg

MCC: N, A

SIEMENS AG

remarks - this release: scrapped whilst still on starting block

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

R99 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none / G2 / G2 *rporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* SP-06 *MCC:* USAI, Paolino  
*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R99 will not be produced (source: Usai 2001-01-05)  
*remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R99 will not be produced (source: Usai 2001-01-05)

*history (event, available, version, comments, hyperlink):*

R99 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* none / - / - *rporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *MCC:* HAN, Seung Don  
*remarks - general:* *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 27.001 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs R99 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 WG (prime / other): N3 / -

current version: none  
freeze\_meeting: SP-06

rappporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general:

U: #29: 8.0.0 (to be deleted, moved to 3GPP)  
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 WG (prime / other): N3 / -

current version: none  
freeze\_meeting: SP-06

rappporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don

Telefon AB LM Ericsson

remarks - general:

U: #29: 8.0.0 (to be deleted, moved to 3GPP)  
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0

[get it](#)

---

## TS 07.08 GSM Application Programming Interface

R99 current version: none  
freeze\_meeting: SP-06

WG (prime / other): T2 / -

rappporteur: RODERMUND, Friedhelm  
MCC: HAN, Seung Don

RODERMUND, Friedhelm  
Vodafone D2 GmbH

remarks - general:

U: Frozen at v5  
remarks - this release: Frozen at v5

history (event, available, version, comments, hyperlink):

Creation of R99 2000-06-30 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

R99 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

**TS 09.07** General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)  
R99 current version: Network (PSTN) none  
SIEMENS AG WG (prime / other): N3 /-  
rappporteur: BELLING, Thomas

freeze\_meeting: SP-06

remarks - general:

G: yes U:

MCC: HAN, Seung Don

remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 8 . 0 . 0

[get it](#)

**TS 09.14** Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol  
R99 current version: none  
freeze\_meeting: SP-06  
SIEMENS AG TISPAN/ N4  
rappporteur: SPORTON, Simon VODAFONE Group Plc  
EN 302 646  
MCC:

remarks - this release: May00: Possibly no need for an update.

history (event, available, version, comments, hyperlink):  
WITHDRAWN 2000-05-29 8 . 0 . 0

[get it](#)

**TS 09.18** General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification  
R99 current version: none  
freeze\_meeting: SP-06  
SIEMENS AG N1 /-  
rappporteur: DAWES, Peter VODAFONE LTD  
JURISIC, Andrijana  
MCC:

remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 8 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

WG (prime / other): N1 / -  
freeze\_meeting:

rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U:

MCC: JURISIC, Andrijana

remarks - general:

remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

history (event, available, version, comments, hyperlink):

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## R99 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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### TR 10.43 Support of Localised Service Area (SoLSA): Work Item Status

current version: none  
freeze\_meeting: SP-06

WG (prime / other): S1 / -  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

history (event, available, version, comments, hyperlink):

draft 1998-04-17 1 . 2 . 0 empty!  
smg+28 1999-06-30 1 . 11 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

## TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R99 *current version*: none / - *rapporteur*: RODERMUND, Friedhelm Vodafone D2 GmbH

*freeze\_meeting*: SP-06

G: yes U:

MCC: HAN, Seung Don

*remarks - general*: TSG#9:withdrawn cos contains misleading information/references

*remarks - this release*: No R99 impact.

*history (event, available, version, comments, hyperlink)*:

WITHDRAWN 2000-03-14 8 . 0 . 0

[get it](#)

---

## TR 10.76 Noise suppression for the AMR codec; Project scheduling and open issues

R99 *current version*: none / S4 / *rapporteur*: N, A Indicate persons who left Company and wait for new

*freeze\_meeting*: SP-06

G: yes U:

MCC: USAI, Paolino

*remarks - general*: 2002-01-23: Usai indicates "stopped".

*remarks - this release*: 2002-01-23: Usai indicates "stopped".

*history (event, available, version, comments, hyperlink)*:

draft 1999-08-15 0 . 0 . 8

draft 1999-10-15 1 . 0 . 0 2002-01-23: Usai indicates "stopped".

[get it](#)

[get it](#)

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## TS 10.89

R99 **GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;**

*current version*: none / - *rapporteur*: ISAACS, Ken SIEMENS AG

*freeze\_meeting*: SP-06

G: yes U:

MCC: USAI, Paolino

*remarks - general*: 2002-01-23: Usai indicates "stopped".

*remarks - this release*: 2002-01-23: Usai indicates "stopped".

*history (event, available, version, comments, hyperlink)*:

draft 2000-03-14 0 . 0 . 3

draft 2000-04-08 0 . 0 . 4

draft 2000-04-19 0 . 0 . 5

draft 2000-08-04 0 . 0 . 6 2002-01-23: Usai indicates "stopped".

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

R99 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-2** Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification  
R99 current version: none  
freeze\_meeting: SP-06 TELEPLUS LIMITED

WG (prime / other): G3new/ S1 / rapporteur: SALMERON, Lidia

NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5.  
remarks - this release: proposed, but nya; flagged as withdrawn at SMG#32 to make life easier

history (event, available, version, comments, hyperlink):  
Upgraded to R99 2000-06-30 8 . 0 . 0 [get it](#)

**TS 11.10-3** Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)  
R99 current version: none  
freeze\_meeting: SP-06 TELEPLUS LIMITED

WG (prime / other): G3new/ S1 / rapporteur: SALMERON, Lidia

NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5.  
remarks - this release: skipped straight to R00.

history (event, available, version, comments, hyperlink):  
Upgraded to R99 2000-06-30 8 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-5** **Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)**  
R99 *WG (prime / other):* G3new/ T1 *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* G: yes U: BAEV, Stoyan  
*remarks - general:* Back formation from 51.010-5, which was developed under Rel-5. *remarks - this release:* GP-23: Decided not to back create from Rel-6.

*history (event, available, version, comments, hyperlink):*

**TS 11.18** **Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface**  
R99 *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* SP-06 *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:* Sanders Oct 2000.: Effectively replaced by 31.101.

*history (event, available, version, comments, hyperlink):*  
Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)

R99 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

**TS 21.010** **reserved**  
R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-06 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* 3.0.0 dates from June 99

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.100 3G specification handling procedures

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: Knobbled prior to SA#8.

WG (prime / other): - / -  
G: U: yes

rapporteur: MEREDITH, John M  
MCC: N, A

ETSI Secretariat

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-08 2000-06-28 1 . 0 . 0

[get it](#)

## TS 21.906 reserved

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): - / -  
G: U: yes

rapporteur: CLAYTON, Michael  
MCC: N, A

EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft 1999-03-04 0 . 0 . 0  
SP-03 3 . 0 . 0

[get it](#)

## R99 22 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.043

R99  
current version: none  
freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / other): S1 / -

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release: Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
SP-08 2000-06-28 3 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4.

WG (prime / other): S4 / -  
G: yes U: yes  
rapporteur: NAVARRO, William  
MCC: USAI, Paolino  
NORTEL NETWORKS (EUROPE)  
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

history (event, available, version, comments, hyperlink):  
SP-06 3 . 0 . 0

## TR 22.907

R99  
current version: none  
freeze\_meeting: SP-03  
remarks - general: CR at TSG#4 Not maintained

WG (prime / other): - / -  
G: U: yes  
rapporteur: TOLVANEN, Mika  
MCC: N, A  
NOKIA MOBILE PHONES  
remarks - this release: Withdrawn (Clayton 2000-02-11)

history (event, available, version, comments, hyperlink):

Table of Contents 1997-10-19 0 . 0 . 2  
and Scope

First complete draft 1997-12-19 1 . 0 . 0  
WG approval 1998-02-15 2 . 0 . 0  
smg-25 1998-03-20 3 . 0 . 0  
SP-03 1999-04-22 3 . 1 . 2  
SP-04 1999-06-23 3 . 1 . 3

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.924 Charging and accounting mechanisms

R99  
current version: none  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): - / -  
G: U: yes  
rapporteur: MONTEGROSSO, Emanuele  
N, A  
MCC:  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1997-10-19	0	0	0	1
and Scope					
First complete draft	1997-12-19	1	2	1	
WG approval	1997-02-15	2	0	0	
smg-25	1998-03-20	3	0	0	
smg-28	1999-02-15	3	1	0	
SP-03	1999-04-23	3	1	1	

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 22.925 Quality of Service (QoS) and network performance

R99  
current version: none  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): - / -  
G: U: yes  
rapporteur: ERIKSSON, Olle  
N, A  
MCC:  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft	1997-06-13	1	1	0	
WG approval	1997-12-19	2	0	0	
smg-25	1998-03-20	3	0	0	
SP-03	1999-04-23	3	1	1	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.960 Mobile multimedia services

R99  
current version: none  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): - / - rapporteur: AHNBERG, Tomas  
G: U: yes MCC: N, A  
Indicate persons who left Company and wait for new One  
remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1997-10-17 0 . 0 . 4  
and Scope  
First complete draft 1997-12-19 1 . 0 . 0  
WG approval 1997-02-15 2 . 0 . 0  
SP-03 1999-04-23 3 . 0 . 1 withdrawn

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 22.970 Virtual Home Environment (VHE) Report

R99  
current version: none  
freeze\_meeting: SP-03

remarks - general:

WG (prime / other): - / - rapporteur: OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
G: U: yes MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 1

[get it](#)

## TR 22.972 Circuit-switched multimedia

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: Title grows "cct sw".

WG (prime / other): - / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: U: yes MCC: N, A  
remarks - this release: Withdrawn (Clayton 2000-02-11)

history (event, available, version, comments, hyperlink):

First complete draft 1999-04-23 0 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

R99 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types

R99  
current\_version: none  
freeze\_meeting: SP-08  
remarks - general: superseded by 23.910

WG (prime / other): - / -  
G: U: yes  
rapporteur: DETTNER, Harald  
MCC: N, A  
SIEMENS AG  
remarks - this release: TSG#7:3.0.0 - later scrapped

history (event, available, version, comments, hyperlink):  
SP-03 1999-05-30 3 . 0 . 0

[get it](#)

## TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

R99  
current\_version: none  
freeze\_meeting: SP-06

WG (prime / other): - / -  
G: yes U: yes  
rapporteur: ANDERSEN, Niels Peter  
MCC: N, A  
Skov  
QUALCOMM EUROPE S.A.R.L.

remarks - general: Superseded by 23.122

remarks - this release: 3.1.0 dates from June 99

history (event, available, version, comments, hyperlink):  
SP-03 1999-04-23 3 . 0 . 0  
SP-04 1999-06-23 3 . 1 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.043

R99 **Support of Videotex**

current version: none

freeze\_meeting: SP-08

remarks - general:

WG (prime / other): - / -

G: U: yes

rappporteur: DETTNER, Harald

MCC: N, A

SIEMENS AG

remarks - this release: 3.0.0 Apr 99 - later scrapped

history (event, available, version, comments, hyperlink):

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

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## TS 23.044

R99 **Support of Teletex**

current version: none

freeze\_meeting: SP-08

remarks - general:

WG (prime / other): - / -

G: U: yes

rappporteur: DETTNER, Harald

MCC: N, A

SIEMENS AG

remarks - this release: 3.0.0 Apr 99 - later scrapped

history (event, available, version, comments, hyperlink):

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

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## TS 23.045

R99 **Technical Realization of Facsimile Group 3 Service - transparent**

current version: none

freeze\_meeting: SP-08

remarks - general: Version 8.x.x exists

WG (prime / other): N3 / -

G: U: yes

rappporteur: DI TRIA, Paolo

MCC: HAN, Seung Don

Telecom Italia Lab S.p.A.

remarks - this release: 3.0.0 Apr 99 - reverts to 03.45 v8.0.0

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.046 Technical realisation of facsimile Group 3 service - non-transparent

R99  
current version: none  
freeze\_meeting: SP-06  
remarks - general: superseded by 23.146

WG (prime / other): - / -  
G: U: yes

rappporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: N, A

remarks - this release: 3.0.0 Apr 99

history (event, available, version, comments, hyperlink):  
SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 23.054 Shared Interworking Functions (SIWF); Stage 2

R99  
current version: none  
freeze\_meeting: SP-03  
remarks - general:

WG (prime / other): N3 / -  
G: yes U: yes

rappporteur: ROSTÖ, Tommy  
MCC: HAN, Seung Don  
remarks - this release: NP-13: withdrawn.

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0 NP-13: withdrawn

[get it](#)

---

## TS 23.069 Voice Broadcast service (VBS); Stage 2

R99  
current version: none  
freeze\_meeting: SP-06  
remarks - general: Reverts to 03.69 R99.

WG (prime / other): N1 / -  
G: U: yes

rappporteur: DETTNER, Harald  
MCC: JURISIC, Andrijana

SIEMENS AG

remarks - this release: 3.0.0 Apr 99 - Reverts to 03.69 R99.

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.070 Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)

R99  
current\_version: none  
freeze\_meeting: SP-03  
rapporteur: KOSYDAR, L  
WG (prime / other): - / -  
MCC: N, A  
G: yes U: yes  
remarks - this release: withdrawn NP-06

Indicate persons who left Company and wait for new One

remarks - general: N3 indicates not required for R99, so revert to 03.70 R98.

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 23.071 Location Services (LCS); Functional description; Stage 2

R99  
current\_version: none  
freeze\_meeting: SP-08  
remarks - general: superseded by 25.305

WG (prime / other): - / -  
rapporteur: STEER, David G  
MCC: N, A  
G: yes U: yes  
remarks - this release:

NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):

SP-04 1999-05-30 3 . 0 . 0

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---

## TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

R99  
current\_version: none  
freeze\_meeting: SP-05

WG (prime / other): N4 / -  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
G: yes U: yes

TeliaSonera AB

remarks - general: Transfer>TSG#4, 2001-10-09 Rapporteur changed from Ch Homann.

remarks - this release: SP-16: reverts to 03.73 since applies to GERAN systems only.

history (event, available, version, comments, hyperlink):

NP-05 1999-10-13 3 . 0 . 0

edito 2000-06-06 3 . 0 . 1

SP-16: reverts to 03.73 since applies to GERAN systems only.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.920 Evolution of the GSM platform towards UMTS

R99  
current version: none  
freeze\_meeting: SP-08

remarks - general:

WG (prime / other): - / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK

G: yes U: yes MCC: N, A

remarks - this release: Stopped TSG#6

history (event, available, version, comments, hyperlink):

Table of Contents 1997-10-17 0 . 0 . 3

and Scope

Transfer to SP SA 1999-03-04 0 . 6 . 1

SP-03 1999-04-23 1 . 0 . 0

WG approval 1999-04-01 1 . 0 . 0

First complete draft 1999-04-01 1 . 0 . 0

SP-04 1999-06-23 3 . 0 . 0

SP-05 1999-10-13 3 . 1 . 0

## TR 23.922 Architecture for an All IP network

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: TSG#5: 1.0.0

WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK

G: yes U: yes MCC: BOSWARTHICK, David

remarks - this release: Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 1 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.925 UMTS Core network based ATM transport

R99 *current version:* none

*freeze\_meeting:* SP-06

*remarks - general:* Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. SP-20: stopped

*WG (prime / other):* S2 / -

*G:* yes *U:* yes

*rappporteur:* ROUZ, Adel

*MCC:* BOSWARTHICK, David

*remarks - this release:* SP-20: stopped

FUJITSU Laboratories of Europe Limited

*history (event, available, version, comments, hyperlink):*

Table of Contents 1999-04-22 0 . 0 . 1

and Scope

SP-03 1999-04-23 0 . 2 . 0 (caution: doc may be corrupted)

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## TR 23.927 VHE, Open Service Architecture (OSA)

R99 *current version:* none

*freeze\_meeting:* SP-06

*remarks - general:* Replaced by 23.127

*WG (prime / other):* - / -

*G:* yes *U:* yes

*rappporteur:* CLAYTON, Michael

*MCC:* N, A

*remarks - this release:* Withdrawn (Clayton 2000-02-11).

EMCOM Ltd

*history (event, available, version, comments, hyperlink):*

First complete draft 1999-04-23 0 . 0 . 0

SP-03 1999-04-23 0 . 1 . 0 withdrawn

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[get it](#)

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## TR 23.960 Framework of network functions to support multimedia services

R99 *current version:* none

*freeze\_meeting:* SP-06

*remarks - general:*

*WG (prime / other):* - / -

*G:* yes *U:* yes

*rappporteur:* GABE, Axel

*MCC:* N, A

*remarks - this release:*

SIEMENS AG

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 0 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

R99 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.012 Short Message Service Cell Broadcast (SMS-Cell Broadcast) Support on the Mobile Radio Interface

R99  
*current version:* none / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S  
*freeze\_meeting:* SP-05 *MCC:* THOMASEN, Gert  
*remarks - general:* Transfer>TSG#4; N#9;proposed to scrap this spec and return it to 2g status *remarks - this release:* Replaced by 04.12 R99.  
(04.12 R99) and shift responsibility to G2 (and should have been N2  
anyway). Agreed to txfer to G2, but still as 24.012.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 0 [get it](#)

## TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND-CP)

R99  
*current version:* none / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-12 *MCC:* JURISIC, Andrijana  
*remarks - general:* Scrapped: is GSM only *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08  
withdrawn; not required for 3G.

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)  
NP-04 1999-05-27 3 . 1 . 0 [get it](#)

## TS 24.068 Group Call Control (GCC) Protocol

R99  
*current version:* none / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *MCC:* JURISIC, Andrijana  
*remarks - general:* GSM only for R99. *remarks - this release:* GSM only for R99.

*history (event, available, version, comments, hyperlink):*

NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.069 Broadcast Call Control (BCC) protocol

R99  
current version: none  
freeze\_meeting: SP-06  
remarks - general: GSM only for R99.

WG (prime / other): N1 / -  
U: yes  
rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana  
Nortel Networks (USA)  
remarks - this release: GSM only for R99.

history (event, available, version, comments, hyperlink):

NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

## TS 24.094 Follow Me; Stage 3

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: TF139 proposes to abandon; not needed. USSD does all.

WG (prime / other): - / -  
U: yes  
rapporteur: BERGMANN, Ansgar  
MCC: N, A  
Deutsche Telekom AG

remarks - this release: USSD does all. No draft expected.

history (event, available, version, comments, hyperlink):

## R99 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

### TS 25.053 Tandem Free Operation (TFO); Service description; Stage 2

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general: No draft. Anyway, should have been 23.053.

WG (prime / other): - / -  
U: yes  
rapporteur: MEREDITH, John M  
MCC: N, A  
ETSI Secretariat

remarks - this release: no draft ever materialised

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.103 RF parameters in support of RRM

current version: none  
freeze\_meeting: SP-06

remarks - general: Withdrawn in favour of 25.123 & 25.133

WG (prime / other): - / -  
G: yes U: yes

rappporteur: FRANCESCHI, Olle  
MCC: N, A

Nippon Ericsson K.K.

remarks - this release: Withdrawn

history (event, available, version, comments, hyperlink):

First complete draft	1999-03-04	0	0	0
NP-03	1999-04-23	0	1	0
NP-04	1999-06-23	1	0	0
NP-05	1999-10-13	2	0	0

## TR 25.831 Study Items for future release

current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R3 / -  
G: U: yes

rappporteur: DREVON, Nicolas  
MCC: CALDENHOVEN, Juergen

ALCATEL S.A.

remarks - this release: RP-19 (post R3-31): stopped.

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	0	0
RP-04	1999-06-23	0	0	2

## TR 25.923 Stage 2 Functional Specification of Location Services in UTRAN

current version: none  
freeze\_meeting: SP-06

remarks - general: superseded by 25.305

WG (prime / other): - / -  
G: U: yes

rappporteur: STEER, David G  
MCC: N, A

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-04-30	1	0	0
draft	1999-09-01	1	2	0
draft	1999-09-30	1	4	0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.926 UE Radio Access capabilities definition

R99  
current version: none  
freeze\_meeting: SP-07  
remarks - general: ->25.306 Nov 00.

WG (prime / other): R2 / -  
G: U: yes  
rapporteur: LUNDSJÖ, Johan  
MCC: ARZELIER, Claude  
Ericsson AB  
remarks - this release: Nov00->25.306 but first ->TSG#10.3.3.0

### history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	0	.	0	.	0	.	0
R2-08	1999-11-30	0	.	1	.	0	.	0
R2-09	1999-12-17	1	.	0	.	0	.	0
RP-07	2000-03-15	3	.	0	.	0	.	0
RP-08	2000-06-23	3	.	1	.	0	.	0
RP-08	2000-10-06	3	.	2	.	0	.	0
RP-10	2000-12-15	3	.	3	.	0	.	0

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## TR 25.990 Vocabulary for UTRAN

R99  
current version: none  
freeze\_meeting: SP-05  
remarks - general: ->21.905

WG (prime / other): R4 / -  
G: U: yes  
rapporteur: OKRAH, Peter  
MCC: GUTIERREZ MIGUELEZ, Cesar  
Motorola Inc.

remarks - this release: Will be withdrawn when 21.905 is updated with all the contents of this TR. RP-15; the update was done at RP-13, so this can now be withdrawn.

### history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	2	.	0
RP-04	1999-06-23	0	.	1	.	4	.	0
RP-05	1999-10-13	3	.	0	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TR 25.998** **UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release**  
R99 *current version:* none  
*freeze\_meeting:* none  
*WG (prime / other):* R2 / FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* U: yes *MCC:* ARZELIER, Claude  
*remarks - general:* This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected *remarks - this release:* No technical contents, merely a pointer to the latest Release version.  
the notion of this TR, so stopped.

*history (event, available, version, comments, hyperlink):*

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R99 **26 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

**TS 26.075** **Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**  
R99 *current version:* none  
*freeze\_meeting:* SP-07  
*WG (prime / other):* - / - *rappporteur:* EKJUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* N, A  
*remarks - general:* Created TSG#6. Replaced by '975 at TSG#7.  
*remarks - this release:* replaced by 26.975

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	0	.	0	.	0
SP-06	1999-12-17	1	.	0	.	0
SP-05	1999-10-13	1	.	0	.	0
SP-04	1999-06-23	1	.	0	.	0
Editorial	2000-06-23	1	.	2	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.112 Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements

R99  
current version: none  
freeze\_meeting: SP-07  
WG (prime / other): S4 / -  
G: U: yes  
rappporteur: HONKO, Harri  
USAI, Paolino  
MCC:  
NOKIA Corporation  
remarks - general: contents ultimately transferred to 24.008.

history (event, available, version, comments, hyperlink):  
SP-03 1999-04-26 1 . 0 . 0  
SP-04 1999-06-23 1 . 1 . 0

[get it](#)  
[get it](#)

---

## TS 26.115 Echo control for speech and multimedia services

R99  
current version: none  
freeze\_meeting: SP-07  
WG (prime / other): S4 / -  
G: U: yes  
rappporteur: USAI, Paolino  
USAI, Paolino  
MCC:  
TELECOM ITALIA S.p.A.  
remarks - general: Feb00: 0.0.1 - Withdrawn in favour of 26.915; will be reinstated for Rel-4.

history (event, available, version, comments, hyperlink):  
Creation of WI by 2000-02-02 0 . 0 . 1  
WG/TB

[get it](#)

---

## TS 26.121 Technical Specification for Tandem Free Operation within 3G networks

R99  
current version: none  
freeze\_meeting: SP-08  
WG (prime / other): - / -  
G: U: yes  
rappporteur: OHANA, Alain  
N, A  
MCC:  
Cingular Wireless LLC  
remarks - general: contents - this release:

history (event, available, version, comments, hyperlink):

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.122 Technical Specification for Tandem Free Operation between 3G and 2G networks

R99 current version: none

freeze\_meeting: SP-07

remarks - general:

WG (prime / other): - / -

G: U: yes

rappporteur: OHANA, Alain

MCC: N, A

Cingular Wireless LLC

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

---

## TS 26.133 Wide band speech telephony terminal acoustic characteristics

R99 current version: none

freeze\_meeting: SP-06

remarks - general:

Stopped: Included in 26.131 & '132.

WG (prime / other): S4 /

G: U: yes

rappporteur: BARRETT, Paul

MCC: USAI, Paolino

Indicate persons who left Company and wait for new One

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

---

## TS 26.134 Wide band speech telephony terminal acoustic test specification

R99 current version: none

freeze\_meeting: SP-06

remarks - general:

Stopped: Included in 26.131 & '132.

WG (prime / other): S4 /

G: U: yes

rappporteur: BARRETT, Paul

MCC: USAI, Paolino

Indicate persons who left Company and wait for new One

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 26 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.135 Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony

R99  
current\_version: none  
freeze\_meeting: SP-06  
G: yes U: yes  
WG (prime / other): S4 /  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

remarks - general: Stopped: Included in 26.131 & '132.

history (event, available, version, comments, hyperlink):

---

## TS 26.136 Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony

R99  
current\_version: none  
freeze\_meeting: SP-06  
G: U: yes  
WG (prime / other): S4 /  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

remarks - general: Stopped: Included in 26.131 & '132.

history (event, available, version, comments, hyperlink):

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## TS 26.137 Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony

R99  
current\_version: none  
freeze\_meeting: SP-06  
G: U: yes  
WG (prime / other): S4 /  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

remarks - general: Stopped: Included in 26.131 & '132.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony

R99 WG (prime / other): S4 /

G: U: yes

rappporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

freeze\_meeting: SP-06

remarks - general: Stopped: Included in 26.131 & '132.  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

R99 WG (prime / other): S4 / -

G: U: yes

rappporteur: HONKO, Harri  
MCC: USAI, Paolino

NOKIA Corporation

freeze\_meeting: SP-06  
remarks - general: No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 0 . 0 . 0  
SP-04 1999-06-23 0 . 0 . 1

[get it](#)  
[get it](#)

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## R99 28 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

---

### TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

R99 WG (prime / other): S4 / -

G: yes U: yes

rappporteur: SUERBAUM, Clemens  
MCC: USAI, Paolino

SIEMENS AG

freeze\_meeting: SP-06

remarks - general: Transfer>TSG#4  
remarks - this release: withdrawn from R99.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

R99 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.004** Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)  
R99 current version: none  
freeze\_meeting: SP-08  
remarks - general: N3 indicates not required for R99, so revert to 09.04 R98.  
WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
G: U: yes MCC: HAN, Seung Don  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-03 1999-04-23 3 . 0 . 0 [get it](#)

**TS 29.005** Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access  
R99 current version: none  
freeze\_meeting: SP-08  
remarks - general: N3 indicates not required for R99, so revert to 09.05 R98.  
WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
G: U: yes MCC: HAN, Seung Don  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-03 1999-04-23 3 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

**TS 29.006** **Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services**  
R99  
*current version:* none  
*freeze\_meeting:* SP-03  
*WG (prime / other):* N3 / -  
*rporteur:* BRAUN, Achim  
*MCC:* HAN, Seung Don  
*remarks - this release:* withdrawn NP-06  
*G: yes U: yes*  
*remarks - general:* N3 indicates not required for R99, so revert to 09.06 R98.

*history (event, available, version, comments, hyperlink):*  
SP-03 1999-04-23 3 . 0 . 0

[get it](#)

**TR 29.993** **Modifications to be incorporated in equipment to cater for errors in the standards**  
R99  
*current version:* none  
*freeze\_meeting:*  
*remarks - general:* RP-19: stopped.  
*WG (prime / other):* RP / -  
*rporteur:* COURAU, François  
*MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R99 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R99 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## TR 30.531 Work Plan and Study Items - RAN WG3

R99 current version: none

freeze\_meeting: SP-06

remarks - general:

WG (prime / other): R3 / -

G: U: yes

rapporteur: KRAUSE, Joern

MCC: CALDENHOVEN, Juergen

SIEMENS AG

remarks - this release: 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to Rel-6

### history (event, available, version, comments, hyperlink):

draft	1999-02-15	0	0	1	<a href="#">get it</a>
draft	1999-03-15	0	0	2	<a href="#">get it</a>
draft	1999-04-15	0	0	3	<a href="#">get it</a>
RP-03	1999-04-23	0	1	0	<a href="#">get it</a>
draft	1999-05-15	0	1	1	<a href="#">get it</a>
RP-04	1999-06-23	0	1	2	<a href="#">get it</a>
RP-05	1999-10-13	0	3	1	<a href="#">get it</a>
draft	1999-10-30	0	3	2	<a href="#">get it</a>
draft	1999-11-15	0	4	0	<a href="#">get it</a>
draft	1999-11-30	0	4	1	<a href="#">get it</a>
RP-06	1999-12-12	0	5	0	<a href="#">get it</a>
draft	2000-01-15	0	5	1	<a href="#">get it</a>
draft	2000-02-15	0	6	0	<a href="#">get it</a>
draft	2000-02-20	0	6	1	<a href="#">get it</a>
RP-07	2000-03-15	0	7	0	RP-000142 <a href="#">get it</a>
draft	2000-03-30	0	7	1	<a href="#">get it</a>
RP-08	2000-06-23	0	8	0	<a href="#">get it</a>
RP-09	2000-08-15	0	8	1	<a href="#">get it</a>
RP-09	2000-10-03	0	8	2	<a href="#">get it</a>
RP-10		0	8	5	RP-000688 <a href="#">get it</a>
draft	2000-12-21	0	8	6	<a href="#">get it</a>
RP-11	2001-03-27	0	8	8	<a href="#">get it</a>
RP-12	2001-07-05	0	9	0	RP-010388 <a href="#">get it</a>
RP-13	2001-10-01	0	9	2	RP-010604 <a href="#">get it</a>
draft	2001-11-23	0	9	3	R3-013076 <a href="#">get it</a>
R3-42	2004-05-04	0	13	1	R3-040684 <a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## R99 31 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

### TR 31.900 SIM/USIM internal and external interworking aspects

R99 current version: none  
freeze\_meeting: TP-12

remarks - general:

WG (prime / other): T3 /  
G: U: yes

rapporteur: KALINER, Stefan  
MCC: THOMASEN, Gert

T-Mobile International AG

remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

history (event, available, version, comments, hyperlink):

TP-11	2001-04-05	1	.	0	.	0	Thought to have been approved as 3.0.0, <a href="#">get it</a> but in fact was not! (JMM after Sanders 2001-05-16)
TP-12		2	.	0	.	0	<a href="#">get it</a>
TP-12	2001-07-06	3	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-12	3	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-28	3	.	2	.	0	TP-16: withdrawn; only Rel-5 remains valid.

## R99 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

### TS 32.008 Subscriber and Equipment trace

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / other): - / -  
G: U: yes

rapporteur: SJÖBLOM, Kai  
MCC: N, A

NOKIA Corporation

remarks - this release: Not to be produced.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.106 Configuration Management

R99  
current version: none  
freeze\_meeting: SP-07  
remarks - general: TSG#8: split into eight parts

WG (prime / other): S5 / - rapporteur: TSE, Edwin Ericsson Incorporated  
G: U: yes MCC: ZOICAS, Adrian

remarks - this release: SP-08: multipart split from parent 3.0.1

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	0	0
SP-06	1999-12-17	1	1	0
SP-07		2	0	0
SP-07	2000-03-17	3	0	0
Editorial	2000-03-17	3	0	1

withdrawn SP-08

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 32.111 3G Fault Management

R99  
current version: none  
freeze\_meeting: SP-08  
remarks - general: TSG#8: split into 4 parts

WG (prime / other): S5 / - rapporteur: CICCITTO, Gaetano SIEMENS Mobile Communications S.p.A.  
G: U: yes MCC: ZOICAS, Adrian

remarks - this release: TSG#8: multipart split from parent 3.0.1

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	0	0
SP-06	1999-12-17	1	1	0
SP-07	2000-03-17	3	0	0
Editorial	2000-03-17	3	0	1
SP-08: split into parts	2000-06-23	3	1	0
Formatting	2000-07-18	3	2	0

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

R99 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33-900** **Guide to 3G security**  
R99 current version: none  
freeze\_meeting: SP-06  
remarks - general: WG (prime / other): S3 / - rapporteur: BROOKSON, Charles DTI - Department of Trade and Industry  
G: U: yes MCC: POPE, Maurice  
remarks - this release: New at TSG#6

history (event, available, version, comments, hyperlink):  
SP-08 2000-06-23 1 . 2 . 0

[get it](#)

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**TR 33-909** **3G Security; Report on the design and evaluation of the MILLENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions**  
R99 current version: none  
freeze\_meeting: SP-10  
remarks - general: TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10. G: U: yes  
TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn. remarks - this release: POPE, Maurice  
VODAFONE Group Plc

history (event, available, version, comments, hyperlink):  
SP-10 2001-01-16 1 . 0 . 0 SP-000629  
SP-10 3 . 0 . 0 withdrawn, not needed for R99

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R99 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: WITHDRAWN specs R99 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

<b>TS 35.205</b> R99 VODAFONE Group Plc	<b>3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b> Document current version: 1: General WALKER, Michael	WG (prime / other): S3 rapporteur: /-	freeze_meeting: SP-10 MCC: POPE, Maurice	U: yes	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR. TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4.
history (event, available, version, comments, hyperlink): SP-10 2001-05-09 3 . 0 . 0 SAGE only supplied PDF, so no real deliverable yet available - SP-000630					
<b>TS 35.206</b> R99 VODAFONE Group Plc	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b> Document current version: 2: Algorithm specification WALKER, Michael	WG (prime / other): S3 rapporteur: /-	freeze_meeting: SP-10 MCC: POPE, Maurice	U: yes	remarks - general: ex SAGE TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4.
history (event, available, version, comments, hyperlink): SP-10 2001-05-09 3 . 0 . 0 SP-000673					
<b>TS 35.207</b> R99 VODAFONE Group Plc	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b> Document current version: 3: Implementors' test data WALKER, Michael	WG (prime / other): S3 rapporteur: /-	freeze_meeting: SP-10 MCC: POPE, Maurice	U: yes	remarks - general: ex SAGE TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4.
history (event, available, version, comments, hyperlink): SP-10 2001-05-09 3 . 0 . 0 SP-000630					

G = required in systems with GERAN access; U = required in systems with UMTS access.



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Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series) WITHDRAWN specs R99 35 .- series

**TS 35.208** **3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** **Document**  
R99 *current version:* 4: Design conformance test data none S3 WG (prime / other): S3 POPE, Maurice  
VODAFONE Group Plc *freeze\_meeting:* SP-10 G: U: yes MCC: POPE, Maurice  
*remarks - general:* ex SAGE *remarks - this release:* TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4.

*history (event, available, version, comments, hyperlink):*  
SP-10 2001-05-09 3 . 0 . 0 SP-000630 [get it](#)

**TS 35.209** **3G Security; Specification of the MILENAGE algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;** **Document**  
R99 *current version:* 5: Summary and results of design and evaluation none/WG (prime / other): S3 POPE, Maurice  
VODAFONE Group Plc *freeze\_meeting:* SP-11 G: U: yes MCC: POPE, Maurice  
*remarks - general:* ex SAGE *remarks - this release:* This turns out to be a report, so -> 35.909.

*history (event, available, version, comments, hyperlink):*  
SP-11 3 . 0 . 0

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R99 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

## TS 55.205 R99

**Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8**

*current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / -

*rappporteur:* WALKER, Michael

*MCC:* POPE, Maurice

VODAFONE Group Plc

*remarks - general:* Not subject to export control.

*remarks - this release:* Fill in of missing Release SP-26: decided that no need to back-fill earlier Releases.

*history (event, available, version, comments, hyperlink):*

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## UMTS

### UMTS

00 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

## TR 00.01U UMTS

**Work programme for the standardization of Universal Mobile Telecommunications System (UMTS)**

*current version:* none

*freeze\_meeting:*

*WG (prime / other):* SMG5 /

*rappporteur:* RAPELI, Juha

*MCC:*

PHILIPS CONSUMER COMMUNICATION

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-03 1994-11-18 3 . 0 . 0

smg-18 1996-05-21 3 . 1 . 0

smg-19 1996-09-04 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 00 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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## TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes

WG (prime / other): none  
SMG5 /  
G: U: yes  
rapporteur: RAPELI, Juha  
MCC: PHILIPS CONSUMER COMMUNICATION  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-05 3 . 0 . 0

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## UMTS 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

### TR 01.01U Universal Mobile Telecommunications System (UMTS): Objectives and overview

WG (prime / other): none  
SP / - rapporteur: N, A  
G: U: yes  
MCC: POPE, Maurice  
remarks - general: Indicate persons who left Company and wait for new One  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

## TR 01.03U Universal Mobile Telecommunications System (UMTS); System requirements

*WG (prime / other):* none

*freeze\_meeting:*

*remarks - general:* ETSI ETR 291 withdrawn.

SMG5 / -

*rapporteur:* RICHARDS, Derek

*MCC:*

IPW/ireless Inc.

*remarks - this release:* ETSI ETR 291, withdrawn.

*G: yes U:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1996-05-15 3 . 1 . 0 withdrawn

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---

## TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)

*current version:* none

*freeze\_meeting:*

*remarks - general:*

*WG (prime / other):* - /

*rapporteur:* N, A

*MCC:*

N, A

Indicate persons who left Company and wait for new One

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19 1996-09-28 3 . 0 . 0

[get it](#)

---

## TR 01.05U System design methodology for the UMTS

*current version:* none

*freeze\_meeting:*

*remarks - general:*

*WG (prime / other):* SMG5 / -

*rapporteur:* VACANT,

*MCC:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## UMTS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

### TS 02.01U Framework for services to be supported by UMTS

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: yes U: remarks - this release: MCC: N, A

remarks - general:

history (event, available, version, comments, hyperlink):  
Suspended 1996-04-10 3 . 0 . 0  
animation

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## UMTS 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

### TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System

current version: none  
freeze\_meeting:

WG (prime / other): SP / rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
Suspend work 1996-10-10 2 . 0 . 0

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## UMTS 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

**TR 05.01U** **Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS**  
UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): SP / rapporteur: N, A  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
draft 1997-10-10 2 . 0 . 0

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## UMTS 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

**TR 06.01U** **Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS**  
UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): SP / rapporteur: N, A  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
draft 1996-10-10 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

**TR 06.02U** **Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS**  
UMTS  
current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime / other): SP /  
rapporteur: N, A  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):  
0 . 0 . 0

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## UMTS 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

**TR 07.01U** **Universal Mobile Telecommunications System (UMTS); integration of audio/visual source coding into UMTS**  
UMTS  
current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime / other): SP /  
rapporteur: N, A  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## UMTS 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TT 12.01U Framework for satellite integration with the UMTS

current version: none  
freeze\_meeting:

WG (prime / other): S5 / rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Waiting - see 1995-10-12 3 . 0 . 0

"secretariat  
comments"

[get it](#)

## TR 12.02U Technical characteristics, capabilities and limitations of mobile sate lite systems applicable to the UMTS

current version: none  
freeze\_meeting:

WG (prime / other): S5 / rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Waiting - see 1996-10-10 3 . 0 . 0

"secretariat  
comments"

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UMTS **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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WITHDRAWN specs UMTS 21 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept

WG (prime / other): GP / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

freeze\_meeting:

Skov  
USAI, Paolino

G: U: MCC: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 3 . 0 . 0  
ETSI publication 1998-11-03 3 . 0 . 1

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## TS 21.04U Requirements for the support of data services in UMTS

WG (prime / other): - / - rapporteur: HOLLEY, Kevin mm02 plc

G: U: MCC: N, A

remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

draft 2000-01-17 1 . 0 . 0

[get it](#)

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## TR 21.06U O&M requirements for the UMTS

WG (prime / other): - / - rapporteur: WEICHELBAUM, Steffen Vodafone D2 GmbH

G: U: MCC: N, A

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

First complete draft 1997-10-19 1 . 0 . 0  
Milestone 1 1997-12-19 1 . 1 . 2  
WG approval 1997-02-17 2 . 0 . 0  
smg-25 1998-03-20 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## UMTS 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

**TS 22.00U** UMTS Phase 1  
current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime / other): - / - rapporteur: VERRIER, David Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
remarks - this release:  
[get it](#)

**TS 22.01U** Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles  
UMTS current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime / other): - / - rapporteur: DWYER, Paul NORTEL NETWORKS (EUROPE)  
G: U: MCC: N, A  
remarks - this release:  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.05U Services and service capabilities

current version: none

freeze\_meeting:

WG (prime / other): - / - rapporteur: PUGA PEREIRA, Emmanuel  
G: U: MCC: N, A  
Indicate persons who left Company and wait for new One

remarks - general:  
U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 3 . 0 . 0  
smg-26 1998-07-01 3 . 1 . 0

[get it](#)

## TR 22.07U UMTS terminal and smart card concepts

current version: none

freeze\_meeting:

WG (prime / other): - / - rapporteur: SMOLANDER, Jouni  
G: yes U: MCC: N, A  
NOKIA Corporation

remarks - general:  
U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 3 . 0 . 0  
smg-27 3 . 1 . 0  
edito 1998-10-29 3 . 1 . 1

[get it](#)

## TS 22.21U Virtual Home Environment

current version: none

freeze\_meeting:

WG (prime / other): - / - rapporteur: OGUNBEKUN, Jumoke  
G: U: MCC: N, A  
FUJITSU Laboratories of Europe Limited

remarks - general:  
U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.24U Charging and Accounting Mechanism

UMTS current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: CHAMBERS, David MOTOROLA Ltd

G: U: MCC: N, A

remarks - this release: #25: 3.0.0

history (event, available, version, comments, hyperlink):

smg-25 1998-05-28 3 . 0 . 0

[get it](#)

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## TS 22.25U Quality of Service (QoS) and network performance

UMTS current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: TIAINEN, Seppo TeliSonera AB

G: U: MCC: N, A

remarks - this release: #25: 3.1.0

history (event, available, version, comments, hyperlink):

smg-25 1998-05-28 3 . 1 . 0

[get it](#)

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## TS 22.29U Handover Requirements between UMTS and GSM or other RadioSystems

UMTS current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: COOPER, David Panasonic Mobile Communication Development of Europe Limited (PMCDE)

G: U: MCC: N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 22 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.30U Service requirements on security

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release: Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 22.35U Service requirements on numbering, addressing and identities

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release: Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 22.40U Charging, billing and accounting principles

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release: Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 22 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.45U Human Factors, service principles and their application to UMTS

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 22.50U Subscriber and service profile requirements

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 22.55U UMTS user identity modules

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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# 3GPP specification status

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Server location: WITHDRAWN specs UMTS 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.60U</b> UMTS	<b>Mobile multimedia services including mobile Intranet and Internet services</b> current version: none freeze_meeting:	- / -	rapporteur: AHNBERG, Tomas MCC: N, A remarks - this release: #25: 3.0.0	Indicate persons who left Company and wait for new One
remarks - general:				
history (event, available, version, comments, hyperlink): smg-25 1998-05-28 3 . 0 . 0 <a href="#">get it</a>				
<b>TS 22.70U</b> UMTS	<b>Virtual Home Environment</b> current version: none freeze_meeting:	- / -	rapporteur: OGUNBEKUN, Jumoke MCC: N, A remarks - this release: #25: 3.0.0	FUJITSU Laboratories of Europe Limited
remarks - general:				
history (event, available, version, comments, hyperlink): draft 0 . 0 . 7 1997-10-19 draft 1 . 0 . 0 1997-12-19 draft 2 . 0 . 0 1998-02-15 smg-25 2001-05-28 3 . 0 . 0 <a href="#">get it</a>				
<b>TS 22.71U</b> UMTS	<b>Service aspects; Automatic Establishment of Roaming Relationships</b> current version: none freeze_meeting:	- / -	rapporteur: N, A MCC: N, A remarks - this release: #25: 3.0.0 #27: 3.0.1	
remarks - general:				
history (event, available, version, comments, hyperlink): smg-25 3 . 0 . 0 smg-27 1998-10-17 3 . 0 . 1 <a href="#">get it</a>				

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.72U Real Time Multimedia in UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / -

G: U:

rappporteur: FISCHER, Ralf

MCC: N, A

ROBERT BOSCH GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

## TS 22.75U Service aspects; Advanced addressing

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / -

G: U:

Vodafone D2 GmbH

rappporteur: KLEIER, Stephan

MCC: N, A

remarks - this release: #25: 2.0.0 #27: 3.0.0

history (event, available, version, comments, hyperlink):

smg-25 2 . 0 . 0

smg-27 1998-10-17 3 . 0 . 0

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## TR 22.80U UMTS Relationship to other Standards

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / -

G: U:

NOKIA TELECOMMUNICATIONS FINLAND

rappporteur: AXERUD, Bo

MCC: N, A

remarks - this release: #24: 2.0.1

history (event, available, version, comments, hyperlink):

First complete draft 1997-10-19 1 . 0 . 2

WG approval 1997-11-07 2 . 0 . 0

Under TB change 1998-03-20 2 . 0 . 1

control.

Milestone 1 1997-12-19 2 . 0 . 1

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WITHDRAWN specs UMTS 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## UMTS 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

### TS 23.01U General UMTS architecture

UMTS  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): smg1 / smg0 rapporteur: OLSSON, Magnus Telefon AB LM Ericsson  
3  
G: U: MCC: SULTAN, Alain  
remarks - this release: #27: for info

history (event, available, version, comments, hyperlink):

draft	1998-05-28	0	.	1	.	0
draft	1998-08-04	0	.	7	.	0
smg+27		1	.	0	.	0
smg-28		2	.	0	.	0
smg-28	1999-02-24	3	.	0	.	0

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[get it](#)

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### TS 23.05U UMTS Network principles

UMTS  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.10U UMTS Access Stratum; Services and Functions

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: LOPEZ-TORRES, Oscar  
Indicate persons who left Company and wait for new One

G: U: MCC: N, A  
remarks - this release: #27: for info

history (event, available, version, comments, hyperlink):

smg-27 1999-02-24 3 . 0 . 0

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## TS 23.20U Evolution of the GSM platform towards UMTS

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): S2 / - rapporteur: JARVIS, Andre  
Hutchison 3G UK Ltd (3)

G: U: MCC: BOSWARTHICK, David  
remarks - this release: #27: for info

history (event, available, version, comments, hyperlink):

smg-27 1 . 0 . 0

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## TS 23.40U UMTS Network Aspects; Relationship with UPT

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / other): - / rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
One  
Indicate persons who left Company and wait for new

G: U:                   MCC: N, A  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

---

## TS 23.60U UMTS Network Aspects; UMTS data organization

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
One  
Indicate persons who left Company and wait for new

G: U:                   MCC: N, A  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 23.70U UMTS Network Aspects; UMTS operations and procedures

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
One  
Indicate persons who left Company and wait for new

G: U:                   MCC: N, A  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:06:01

WITHDRAWN specs UMTS 23 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

---

## TS 23.90U UMTS Network Aspects; Network performance requirements

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

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## TS 23.95U UMTS Network Aspects; Network functions relevant to satellites

current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):  
0 . 0 . 0  
draft

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:06:01

WITHDRAWN specs UMTS 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## UMTS 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

**TS 24.05U** UMTS **Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**  
current version: none / rapporteur: N, A  
freeze\_meeting: none / MCC: N, A  
Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

## UMTS 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TS 25.05U** UMTS **UMTS Radio Aspects; Multiplexing and multiple access**  
current version: none / rapporteur: N, A  
freeze\_meeting: none / MCC: N, A  
Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:06:01

WITHDRAWN specs UMTS 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.10U UMTS Radio Aspects; Channel coding

current version: none  
freeze\_meeting:

remarks - general:

history (event, available, version, comments, [hyperlink](#)):

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

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## TS 25.15U UMTS Radio Aspects; Modulation

current version: none  
freeze\_meeting:

remarks - general:

history (event, available, version, comments, [hyperlink](#)):

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

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## TS 25.20U UMTS Radio Aspects; Transmission and reception

current version: none  
freeze\_meeting:

remarks - general:

history (event, available, version, comments, [hyperlink](#)):

WG (prime / other): - / rapporteur: N, A  
G: U: yes MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

UMTS **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS

UMTS current version: none / rapporteur: N, A Indicate persons who left Company and wait for new freeze\_meeting: none / MCC: N, A One

remarks - general:

history (event, available, version, comments, hyperlink):

UMTS **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TR 27.00U Principles for handling of data services in the UMTS

UMTS current version: none / rapporteur: GABE, Axel SIEMENS AG freeze\_meeting: none / MCC: ZOICAS, Adrian  
remarks - general: remarks - this release: remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft 1996-05-01 1 . 2 . 1 [get it](#)

UMTS **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## TR 30.00U SMG - UMTS Work programme

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: SAMUKIC, Antun Telefon AB LM Ericsson

G: U: MCC: N, A

remarks - this release: #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

history (event, available, version, comments, hyperlink):

smg-21	3	0	0	
smg-22	3	1	0	
smg-23	3	2	0	
smg-24	3	3	0	
smg-25	3	4	0	
smg-26	3	5	0	1998-07-07
smg-27	3	6	1	

[get it](#)

## TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: SAMUKIC, Antun Telefon AB LM Ericsson

G: U: MCC: N, A

remarks - this release: #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1

history (event, available, version, comments, hyperlink):

smg-22	3	0	0	
smg-23	3	1	0	
smg-24	3	2	0	
smg-25	3	3	0	1998-07-07
smg-26	3	4	0	
post smg-27	3	5	1	2002-08-08

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / -

G: U:

rappporteur:

MCC:

N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TR 30.04U Definition of the limited number of UTRA concepts

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): GP / -

G: U:

rappporteur: ANDERSEN, Niels Peter  
Skov

MCC: USAI, Paolino

remarks - this release: #22: 3.0.0

history (event, available, version, comments, hyperlink):

First complete draft 1997-06-01 1 . 0 . 0

smg-22 1997-06-14 3 . 0 . 0

ETSI publication 1998-11-03 3 . 0 . 1

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## TR 30.05U UMTS terminology

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / -

G: U:

rappporteur:

MCC:

N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

WG (prime / other): - / -  
G: U:  
rapporteur: RAPELI, Juha  
MCC: N, A  
PHILIPS CONSUMER COMMUNICATION  
remarks - general: freeze\_meeting:  
remarks - this release: #24: 3.1.0

history (event, available, version, comments, hyperlink):  
SMG approval by correspondence 2 . 0 . 0 1997-06  
SMG approval by correspondence 3 . 0 . 0 1997-09  
smg-24 1997-12-19 3 . 1 . 0  
[get it](#)

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## UMTS 31 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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### TS 31.50U Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz

WG (prime / other): - / -  
G: U: yes  
rapporteur: N, A  
MCC:  
Indicate persons who left Company and wait for new One  
remarks - general: freeze\_meeting:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 0 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

8 March 2005 12:06:01

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WITHDRAWN specs UMTS 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

**TS 31.60U** **UMTS** **Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz**  
*current version:* none  
*freeze\_meeting:* /  
*WG (prime / other):* N, A  
*rappporteur:* N, A  
Indicate persons who left Company and wait for new One  
*remarks - general:* G: U: yes MCC: *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
0 . 0 . 0

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**UMTS** **32 .- series** **Server location:** [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TR 32.01U** **UMTS** **Overall principles of the OAM for the UMTS**  
*current version:* none  
*freeze\_meeting:* -  
*remarks - general:* WG (prime / other): SMG12 / -  
G: U: yes  
*rappporteur:* SZELAZEK, Bill  
SULTAN, Alain  
Hutchison 3G UK Ltd (3)  
*remarks - this release:* MCC: No progress since SMG#22.

*history (event, available, version, comments, hyperlink):*  
1 . 0 . 0

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**UMTS** **33 .- series** **Server location:** [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.20U Security principles for the UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur:

G: U: MCC: N, A

remarks - this release: #19: 3.0.0

history (event, available, version, comments, hyperlink):

smg-19 1997-06-13 3 . 0 . 0

[get it](#)

## TS 33.21U Security requirements

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur:

G: U: MCC: N, A

remarks - this release: #27: for info

history (event, available, version, comments, hyperlink):

draft 1988-07-16 0 . 1 . 0

draft 1998-07-22 0 . 1 . 1

draft 1998-07-31 0 . 1 . 2

smg-27 1998-07-31 1 . 0 . 0

draft 1998-10-05 1 . 0 . 1

draft 1998-10-19 1 . 0 . 2

draft 1998-10-31 1 . 0 . 3

draft 1998-11-20 1 . 0 . 4

draft 1999-02-27 1 . 1 . 0

smg-28 1999-02-27 2 . 0 . 0

smg-27 1999-02-21 3 . 0 . 0

smg-28 3 . 0 . 0

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UMTS

34 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs UMTS 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.01U Application integration and application programming interfaces

WG (prime / other): SP / rapporteur: N, A  
Indicate persons who left Company and wait for new One  
current version: none  
freeze\_meeting: POPE, Maurice

remarks - general:  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):  
0 . 0 . 0

## UMTS 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

### TS 35.10U UMTS Terminal aspects;Man Machine Interface (MMI)

WG (prime / other): SP / rapporteur: N, A  
Indicate persons who left Company and wait for new One  
current version: none  
freeze\_meeting: POPE, Maurice

remarks - general:  
G: U: yes  
MCC: POPE, Maurice  
remarks - this release:

history (event, available, version, comments, hyperlink):  
0 . 0 . 0

## R98

### R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.00 Working Procedures for SMG and PT SMG

R98  
current version: none  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): SP / - rapporteur: BERGMANN, Ansgar  
G: yes U: POPE, Maurice Deutsche Telekom AG

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 0 . 1 . 0 [get it](#)  
smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)

SP-15: withdrawn since SMG and PT-  
SMG no longer exist.

## R98 02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.38 SIM application toolkit (SAT): Stage 1

R98  
current version: none  
freeze\_meeting: smg-29

remarks - general: Moved from T3 Jan-00.

WG (prime / other): S1 / SCP rapporteur: CARPENTER, Paul  
G: yes U: CLAYTON, Michael Research in Motion UK Limited

remarks - this release: Place holder - no spec.

history (event, available, version, comments, hyperlink):

## R98 03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TR 03.39** **Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
R98  
*current version:* none  
*freeze\_meeting:* smg-29  
*remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*WG (prime / other):* T2 / -  
*G: yes U:*  
*rapporteur:* HARRIS, Ian  
Research In Motion Limited  
HAN, Seung Don  
*MCC:*  
*remarks - this release:* need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

*history (event, available, version, comments, hyperlink):*  
TP-09 withdrawn 2000-10-04 7 . 0 . 0

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**R98** **04 .- series** **Server location:** [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.33** **Lawful interception; Stage 3**  
R98  
*current version:* none  
*freeze\_meeting:* smg-29  
*remarks - general:*  
*WG (prime / other):* - /  
*G: yes U:*  
*rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
N, A  
*MCC:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98  
current version: none  
freeze\_meeting: smg-29  
remarks - general: replaced by 08.62

WG (prime / other): - / -  
G: yes U:  
rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
MCC: N, A  
remarks - this release: #25: 1.0.0 for info #27: 1.6.0 for info

### history (event, available, version, comments, hyperlink):

draft	1997-03-14	0	. 0	. 0
draft	1998-02-16	1	. 0	. 0
draft	1998-03-27	1	. 1	. 0
draft	1998-07-13	1	. 2	. 1
draft	1998-07-31	1	. 3	. 0
draft	1998-09-17	1	. 3	. 5
draft	1998-09-18	1	. 4	. 0
draft	1998-09-28	1	. 5	. 0
draft	1998-10-05	1	. 6	. 0

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## R98 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

### TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98  
current version: none  
freeze\_meeting: smg-29  
remarks - general: TSG#9:withdrawn cos contains misleading information/references

WG (prime / other): T2 / -  
G: yes U:  
rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
MCC: HAN, Seung Don  
remarks - this release: TSG#9:withdrawn cos contains misleading information/references

### history (event, available, version, comments, hyperlink):

smg-26	1998-06-26	7	. 0	. 0	withdrawn SP-09
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G = required in systems with GERAN access; U = required in systems with UMTS access.





# 3GPP specification status

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WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.78 Project scheduling and open issues: CAMEL

R98 current version: none  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S2 / - rapporteur: APRATH, Stefan  
G: yes U: BOSWARTHICK, David

Vodafone D2 GmbH

MCC: BOSWARTHICK, David  
remarks - this release: July 2002: abandoned

history (event, available, version, comments, hyperlink):

draft	1997-02-08	0	.	0	.	0	.	0
draft	1997-03-24	0	.	1	.	0	.	0
draft	1997-03-27	0	.	1	.	1	.	1
draft	1997-04-09	0	.	1	.	2	.	2
draft	1997-05-07	0	.	2	.	0	.	0
smg-22	1997-06-10	1	.	0	.	0	.	0
draft	1997-06-19	1	.	1	.	0	.	0
draft	1997-07-09	1	.	2	.	0	.	0
draft	1997-09-10	1	.	3	.	0	.	0
smg-23	1997-10-10	1	.	3	.	2	.	2
draft	1997-10-22	1	.	4	.	0	.	0
draft	1997-12-02	1	.	5	.	0	.	0
draft	1998-06-04	1	.	6	.	0	.	0
smg-25	1998-03-10	1	.	6	.	0	.	0
								abandoned

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## TR 10.87 User to User Signalling (UUS)

R98 current version: none  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): S2 / GP

T-MOBILE DEUTSCHLAND

rapporteur: CONRAD, Alan  
MCC: BOSWARTHICK, David  
remarks - this release: No draft ever produced.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:06:02

WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

## TR 10.94 Follow Me supplementary service

R98  
current version: none  
freeze\_meeting: smg-29

remarks - general:

WG (prime / other): SP / -  
G: yes U:

rappporteur: POSTMANN, Erwin  
MCC: POPE, Maurice  
remarks - this release: No draft ever produced.

SIEMENS AG

*history (event, available, version, comments, hyperlink):*

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## R98 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

### TS 11.10-2

R98 **Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
current version: none  
freeze\_meeting: smg-29

remarks - general: 2001-11-19: G4->G5.

G: yes U:

MCC: BAEV, Stoyan

remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

WG (prime / other): G3new/ S1 / NP / T2 / SCP  
rappporteur: SALMERON, Lidia  
TELEPLUS LIMITED

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R98  
current version: none  
freeze\_meeting: smg-29

WG (prime / other): G3new/ S1 / NP / T2 / SCP  
rappporteur: SALMERON, Lidia  
TELEPLUS LIMITED

G: yes U:

MCC: BAEV, Stoyan  
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

history (event, available, version, comments, hyperlink):

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## R97

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.00 Working Procedures for SMG and PT SMG

R97  
current version: none  
freeze\_meeting: smg-26

WG (prime / other): SP / -  
rappporteur: BERGMANN, Ansgar  
MCC: POPE, Maurice  
Deutsche Telekom AG

remarks - this release: No spec this Release.

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

8 March 2005 12:06:02

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WITHDRAWN specs R97 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

## TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

current version: none

freeze\_meeting: smg-26

rapporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice  
remarks - this release: No spec this version.

remarks - general:

history (event, available, version, comments, hyperlink):

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## R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

current version: none

freeze\_meeting: smg-26

rapporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice  
remarks - this release: No spec this Release

remarks - general:

history (event, available, version, comments, hyperlink):

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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8 March 2005 12:06:02

WITHDRAWN specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.33 Lawful Interception (LI); Stage 1

R97 current version: none

freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S3 / rapporteur: MCKIBBEN, Bernie

G: yes U: POPE, Maurice

MOTOROLA GmbH

remarks - this release: (No spec this Release)

history (event, available, version, comments, [hyperlink](#)):

---

## TS 02.38 SIM application toolkit (SAT); Stage 1

R97 current version: none

freeze\_meeting: smg-26

remarks - general: Moved from T3 Jan-00.

WG (prime / other): S1 / SCP rapporteur: CARPENTER, Paul

G: yes U: CLAYTON, Michael

Research in Motion UK Limited

remarks - this release: Place holder - no spec.

history (event, available, version, comments, [hyperlink](#)):

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R97 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97  
WG (prime / other): none  
freeze\_meeting: smg-26

N4 / SPAN rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
/ T2

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - this release: #27: 6.0.0 (To be withdrawn)

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMS-Cs) to Short Message Entities (SMEs)

R97  
WG (prime / other): none  
freeze\_meeting: smg-26

T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
MCC: HAN, Seung Don

remarks - general: TSG#9:withdrawn cos contains misleading information/references  
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97  
WG (prime / other): none  
freeze\_meeting: smg-26

- / - rapporteur: NAPER, Hans Petter MOTOROLA GmbH  
MCC: N, A

remarks - general: Withdrawn since details included in the stage 3 spec.  
remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 1998-03-20 0 . 7 . 1

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.62** **General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2**  
R97 *current version:* none / - *rapporteur:* BAUMANN, Jürgen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**R97** **04 .- series** **Server location:** [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.61** **General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3**  
R97 *current version:* none / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* smg-26 *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.62** **General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3**  
R97 *current version:* none / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* smg-26 *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
Table of Contents 1996-11-14 0 . 2 . 0  
and Scope [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

R97 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

**TR 05.21** DCS 1800; 4 Watt Mobile Power Class - study  
R97 current version: none  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): - / rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: N, A  
MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

R97 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

**TS 08.64** GPRS support node - BSS protocol (SGSN\_BSS) interface; BSSGP layer 3  
R97 current version: none  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): - / rapporteur: LESKE, John SCANDEW PTY Ltd  
G: yes U: N, A  
MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):  
First complete draft 1996-07-15 1 . 0 . 0

[get it](#)

R97 **09** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R97 *WG (prime / other):* N1 / -

*current version:* none

*freeze\_meeting:* smg-26

*rapporteur:* HOWELL, Andrew

*MCC:* JURISIC, Andrijana

*Motorola Ltd*

*remarks - general:*  
*remarks - this release:* #27: 6.0.0 #32: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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### TR 10.01 GSM features and releases

R97 *WG (prime / other):* - / -

*current version:* none

*freeze\_meeting:* smg-26

*rapporteur:* N, A

*Motorola Ltd*  
Indicate persons who left Company and wait for new One

*MCC:* N, A

*G: yes U:*  
*remarks - this release:*

*remarks - general:* 2001-11-20: stopped - obviously no interest

*history (event, available, version, comments, hyperlink):*

draft 1997-10-23 0 . 0 . 2

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R97 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS

R97  
current version: none  
freeze\_meeting: smg-26  
remarks - general: Scrapped.

WG (prime / other): - / -  
G: yes U:  
rapporteur: HEATON, Graham  
MCC: N, A  
Aether Systems Inc.  
remarks - this release: #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 1 . 0 . 0

[get it](#)

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## TR 10.20 Lawful Interception requirements for GSM

R97  
current version: none  
freeze\_meeting: smg-26  
remarks - general: Replaced by 01.33.

WG (prime / other): S3 / -  
G: yes U:  
rapporteur: MCKIBBEN, Bernie  
MCC: POPE, Maurice  
MOTOROLA GmbH  
remarks - this release: SMG#27:6.0.0; replaced by 01.33

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R97  
current version: none  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / other): S2 / -  
G: yes U:  
rapporteur: PETERSEN, Johan  
MCC: BOSWARTHICK, David  
Apica Technologies  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-25 6 . 0 . 0

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R97 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2** **Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
R97 *WG (prime / other):* G3new/ S1 / NP / T2 / SCP *rappporteur:* SALMERON, Lidia TELEPLUS LIMITED

*freeze\_meeting:* smg-26

*remarks - general:* 2001-11-19: G4->G5.

G: yes U: MCC: BAEV, Stoyan  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

---

**TS 11.10-3** **Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**  
R97 *WG (prime / other):* G3new/ S1 / NP / T2 / SCP *rappporteur:* SALMERON, Lidia TELEPLUS LIMITED

*freeze\_meeting:* smg-26

*remarks - general:* 2001-11-19: G4->G5.

G: yes U: MCC: BAEV, Stoyan  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

---

**TS 11.21** **Base Station System (BSS) equipment specification; Radio aspects**  
R97 *WG (prime / other):* G1 / - *rappporteur:* VACANT,  
G: yes U: MCC: USAI, Paolino

*freeze\_meeting:* smg-26

*remarks - general:* *remarks - this release:* #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.

*history (event, available, version, comments, hyperlink):*  
GP-09 2002-05-06 6 . 0 . 0 not produced post smg-27; withdrawn [get it](#)  
GP-12 6 . 1 . 0 CRs unimplementable; spec is scrapped.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.56 CTS phase 1, CTS Fixed Part Tests

R97  
current version: none  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): - / -  
G: yes U:  
rappporteur: MATTISSON, Leif  
MCC: N, A  
Telefon AB LM Ericsson

remarks - this release:

history (event, available, version, comments, hyperlink):

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12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.03 Security Management

R97  
current version: none  
freeze\_meeting: smg-26

remarks - general:

WG (prime / other): S5 / S1 / NP  
G: yes U:  
rappporteur: TRUSS, Michael  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd

remarks - this release: No spec.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R97 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.04 Performance data measurements

R97 current version: none

freeze\_meeting: smg-26

WG (prime / other): S5 / S1 / NP

TOCHE, Christian NORTEL NETWORKS (EUROPE)

rapporteur:

G: yes U: ZOICAS, Adrian

MCC:

remarks - this release: No spec

remarks - general:

history (event, available, version, comments, hyperlink):

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## R96

R96 01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.00 Working Procedures for SMG and PT SMG

R96 current version: none

freeze\_meeting: smg-22

WG (prime / other): SP / -

BERGMANN, Ansgar Deutsche Telekom AG

rapporteur:

POPE, Maurice

MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0

smg-19 1996-06-28 5 . 1 . 0

smg-25 1998-03-20 5 . 2 . 0

SP-15: withdrawn since SMG and PT-

SMG no longer exist.

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

R96  
current version: none  
freeze\_meeting: smg-22  
WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
G: yes U: MCC: POPE, Maurice  
remarks - general: Indicate persons who left Company and wait for new One  
remarks - this release: #25: withdrawn

history (event, available, version, comments, hyperlink):  
smg-23 1997-10-17 5 . 0 . 0 withdrawn, smg-25

[get it](#)

---

## TR 01.50 Radio Local Loop (RLL) using GSM

R96  
current version: none  
freeze\_meeting: smg-22  
WG (prime / other): SMG1 / rapporteur: CLAYTON, Michael  
G: yes U: MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 1995-11-07 1 . 0 . 0

[get it](#)

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## TR 01.51 Dual mode of operation and roaming

R96  
current version: none  
freeze\_meeting: SP-11  
WG (prime / other): SMG1 / - rapporteur: VACANT,  
G: yes U: MCC: CLAYTON, Michael  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

R96  
WG (prime / other): S3 / -  
current version: none  
freeze\_meeting: smg-22  
G: yes U:  
VODAFONE Group Plc  
rapporteur: WALKER, Michael  
MCC: POPE, Maurice  
remarks - general:  
remarks - this release: #25: withdrawn

history (event, available, version, comments, hyperlink):  
smg-23 5 . 0 . 0 SMG-25 withdrawn

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## TS 01.78 Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0

R96  
WG (prime / other): - / -  
current version: none  
freeze\_meeting: smg-22  
G: yes U:  
Aperto Networks Inc.  
rapporteur: LEROUDIER, Frederic  
MCC: N, A  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## R96 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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### TS 02.18 Interworking with non-GSM applications on the SIM to be accessed via the GSM network

R96  
WG (prime / other): - / -  
current version: none  
freeze\_meeting: smg-22  
G: yes U:  
DETEMOBIL GMBH  
rapporteur: SCHMIDT, Günter  
MCC: N, A  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

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WITHDRAWN specs R96 02 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.25 GSM - DCS roaming: Requirements and Stage 1 descriptions

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U: /  
rapporteur: LE ROUX, Alain  
MCC: N, A  
France Telecom

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.26 Operation of multi-band GSM/DCS 1800 network by a single operator

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U: /  
rapporteur: LJUNGGREN, Tommy  
MCC: N, A  
Northstream AB

remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TS 02.27 DECT access to GSM networks

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U: /  
rapporteur: CONRAD, Alan  
MCC: N, A  
T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.28** **UPT phase 1**  
R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): - / rapporteur: KOSYDAR, L  
Indicate persons who left Company and wait for new One  
G: yes U: N, A  
MCC: N, A  
remarks - this release: remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 02.29** **Inter operation with UPT phase 2**  
R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): - / rapporteur: TOEPFER, Armin  
Vodafone D2 GmbH  
G: yes U: N, A  
MCC: N, A  
remarks - this release: remarks - this release:

history (event, available, version, comments, hyperlink):

---

**TS 02.31** **Fraud Information Gathering System (FIGS); Service description; Stage 1**  
R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new One  
G: yes U: POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release: #26: withdrawn

history (event, available, version, comments, hyperlink):  
draft 1997-05-13 1 . 0 . 0  
draft 1997-10-01 2 . 0 . 0  
smg-23 1997-10-17 5 . 0 . 0 withdrawn

[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.33 Lawful Interception (LI); Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S3 /  
G: yes U: MCKIBBEN, Bernie  
POPE, Maurice  
MOTOROLA GmbH

rapporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-19 1 . 0 . 0  
smg-20 2 . 0 . 0  
smg-20 1996-10-11 5 . 0 . 0 withdrawn SMG-25  
[get it](#)

---

## TS 02.35 Universal access to freephone numbers; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U: COX, Alan  
N, A  
VODAFONE Group Plc

rapporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TS 02.36 Premium rate services; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U: TOEPFER, Armin  
N, A  
Vodafone D2 GmbH

rapporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.37 ISDN based DECT/GSM Interworking

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - / rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
G: yes U: N, A  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.38 SIM application toolkit (SAT); Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general: Moved from T3 Jan-00.

WG (prime / other): S1 / SCP rapporteur: CARPENTER, Paul Research in Motion UK Limited  
G: yes U: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1 . 0 . 0

---

## TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general: SMG11->S4 at SMG#30

WG (prime / other): S4 / rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
G: yes U: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-23 5 . 0 . 0  
smg-24 5 . 1 . 0 withdrawn SMG-25

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.60 General Packet Radio Service Stage 1 Description

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research in Motion UK Limited

remarks - this release: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 5 . 0 . 0  
smg-23 1997-10-17 5 . 1 . 0  
smg-24 1997-12-19 5 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

## TS 02.66 Support of Mobile Number Portability (MNP); Service description; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this release: #24: 5.0.0 @25: withdrawn

history (event, available, version, comments, hyperlink):

smg-24 1997-12-19 5 . 0 . 0

[get it](#)

## TS 02.72 Call Deflection Service description; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: HECHWARTNER, Roland  
MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this release: #19: 5.0.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 02 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.73 Malicious Call Identification (MCID); Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U:

rappporteur: SHARP, Iain  
MCC: N, A

NORTEL NETWORKS (EUROPE)

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.77 Emergency call TS12 with additional data transfer

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U:

rappporteur: CONRAD, Alan  
MCC: N, A

T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

---

## TS 02.87 User-to-User Signalling (UUS) Service Description; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): S1 / -  
G: yes U:

rappporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this release: #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0  
smg-20 1996-10-11 5 . 1 . 0  
smg-21 1997-02-14 5 . 2 . 0  
edito 1996-01-19 5 . 2 . 1  
smg-23 1997-10-17 5 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.92 Call Forward Enhancements (CFE) - Stage 1 description

R96  
current version: none  
freeze\_meeting: smg-22

WG (prime / other): - /  
G: yes U:  
MCC: N, A  
rapporteur: RENAUD, Nicolas  
Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

## TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

WG (prime / other): S1 / -  
G: yes U:  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - general:

remarks - this release: #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-16 5 . 0 . 0  
smg-19 5 . 1 . 0  
smg-20 5 . 2 . 0  
smg-22 5 . 3 . 0  
smg-23 5 . 4 . 0  
smg-24 5 . 5 . 0

## TS 02.96 Name Identification Supplementary Services; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

WG (prime / other): S1 / -  
G: yes U:  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - general:

remarks - this release: #24: 5.0.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-24 5 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.





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WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

R96 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R96 WG (prime / other): N4 / SPAN rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
freeze\_meeting: smg-22 / T2

G: yes U: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
remarks - this release: #20: 5.0.0 (To be withdrawn)

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0 [get it](#)

## TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENC); Stage 2

R96 WG (prime / other): - / rapporteur: APRATH, Stefan Vodafone D2 GmbH  
freeze\_meeting: smg-22 MCC: N, A

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
Table of Contents 1996-09-01 0 . 4 . 0  
and Scope [get it](#)

## TS 03.36 Premium rate services - stage 2

R96 WG (prime / other): - / rapporteur: TOEPFER, Armin Vodafone D2 GmbH  
freeze\_meeting: smg-22 MCC: N, A

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R96 current version: none

freeze\_meeting: smg-22

WG (prime / other): T2 / -

G: yes U:

rappporteur: HARRIS, Ian

MCC: HAN, Seung Don

remarks - general: TSG#9:withdrawn cos contains misleading information/references  
remarks - this release: #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references

history (event, available, version, comments, hyperlink):

TP-09 (Withdrawn) 2000-09-28 5 . 0 . 0

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

[get it](#)

---

## TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2

R96 current version: none

freeze\_meeting: smg-22

WG (prime / other): S2 / -

G: yes U:

rappporteur: KUCHIBHOTLA, Ravi

MCC: BOSWARTHICK, David

remarks - general: remarks - this release: MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

smg-23 5 . 0 . 0

smg-24 5 . 1 . 0

smg-25 5 . 2 . 0

smg-25 5 . 3 . 0 withdrawn, SMG-25

---

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R96 current version: none

freeze\_meeting: smg-22

WG (prime / other): G1 / -

G: yes U:

rappporteur: LEPPISAARI, Ato

MCC: USAI, Paolino

remarks - general: remarks - this release: NOKIA Corporation

history (event, available, version, comments, hyperlink):

smg-23 5 . 1 . 0

smg-24 5 . 2 . 0 withdrawn SMG-25

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.94 Follow Me Service description; Stage 2

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - / -  
G: yes U:  
rapporteur: WIEHE, Ulrich  
MCC: N, A  
Gesellschaft für Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 03.95 Support of Private Numbering Plan (SPNP); Stage 2

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U:  
rapporteur: SHARP, Iain  
MCC: N, A  
NORTEL NETWORKS (EUROPE)  
remarks - this release: Scrapped Jan 98.

history (event, available, version, comments, hyperlink):

---

## TS 03.98 New barring services; Stage 2 description

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U:  
rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.  
MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2

R96  
current\_version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U:

rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.  
MCC: N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

## R96 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

### TS 04.36 Premium rate services - stage 3

R96  
current\_version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U:

rapporteur: TOEPFFER, Armin  
MCC: N, A

Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

### TS 04.64

R96  
current\_version: none  
freeze\_meeting: smg-22

remarks - general:

## General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

WG (prime / other): N1 / -  
G: yes U:

rapporteur: DOIG, Ian  
MCC: JURISIC, Andrijana

MOTOROLA S.A.S

remarks - this release: #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0  
smg-24 1997-12-19 5 . 1 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.

WG (prime / other): N1 / -

G: yes U: [get it](#) / [get it](#)

rapporteur: DOJG, Ian

MCC: JURISIC, Andrijana

EMCOM Ltd

remarks - this release: #25:withdrawn

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0

smg-24 1997-12-19 5 . 1 . 0

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## TS 04.70 Payphone services - stage 3

R96  
current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - / -

G: yes U: [get it](#) / [get it](#)

rapporteur: CLAYTON, Michael

MCC: N, A

EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 04.73 Malicious Call Identification (MCID); Stage 3

R96  
current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - / -

G: yes U: [get it](#) / [get it](#)

rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.

MCC: N, A

EMCOM Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 04 - series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.78 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 3

R96  
current version: none  
freeze\_meeting: smg-22

rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.  
MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 04.79 Support of optimal routing; Stage 3

R96  
current version: none  
freeze\_meeting: smg-22

rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.  
MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 04.98 New barring services; Stage 3

R96  
current version: none  
freeze\_meeting: smg-22

rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.  
MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.99 Direct subscriber access and restriction; Stage 3

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /

G: yes U:

rappporteur: VAN DER AREND, Peter Koninklijke KPN N.V.

MCC: N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

## R96 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

### TS 05.00 Service to GSM handportables in trains

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /

G: yes U:

rappporteur: VOSKAR, Paul

MCC: N, A

remarks - this release:

NOKIA UK Ltd

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.18 Hands free mobile station

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - / rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: yes U: / MCC: Skov  
N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 05.19 Service to GSM handportables in trains

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

history (event, available, version, comments, hyperlink):

WG (prime / other): - / rapporteur: WILTSHIRE, Timothy

G: yes U: / MCC: Robin  
N, A

remarks - this release:

Indicate persons who left Company and wait for new  
One

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## TR 05.20 Fast moving Mobile Station (study)

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

history (event, available, version, comments, hyperlink):

WG (prime / other): - / rapporteur: REINER, Michaël

G: yes U: / MCC: N, A

remarks - this release:

Eads Telecom Deutschland GmbH

G = required in systems with GERAN access; U = required in systems with UMTS access.



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## TS 05.30 General packet radio service requirements

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /

G: yes U:

rapporteur: CONRAD, Alan

MCC: N, A

T-MOBILE DEUTSCHLAND

remarks - this release:

history (event, available, version, comments, hyperlink):

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## R96 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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### TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /

G: yes U:

rapporteur: CANDISH, John

MCC: N, A

Xtempus Ltd

remarks - this release:

history (event, available, version, comments, hyperlink):

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## R96 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.14** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
R96 *current version:* none  
*freeze\_meeting:* smg-22  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*  
smg-24 5 . 0 . 0 smg-26: withdrawn

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**TS 08.16** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R96 *current version:* none  
*freeze\_meeting:* smg-22  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*  
smg-24 1997-12-19 5 . 0 . 0 SMG-25: withdrawn

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R96 **09** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.12** Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general: EN 300 646

WG (prime / other): TISPAN / N4  
G: yes U: MCC:  
rapporporteur: HÄNDIG, Peter  
Telia Mobile AB  
remarks - this release:

history (event, available, version, comments, hyperlink):  
draft (ETSI TC SPS) 1997-11-10 5 . 2 . 1  
draft (ETSI TC SPS) 1999-05-18 5 . 3 . 0  
SPS1 approval 1999-05-21 5 . 3 . 1

[get it](#)

[get it](#)

[get it](#)

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**TS 09.20** Support of Shared Data Interworking Function

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): - /  
G: yes U: MCC:  
rapporporteur: LEROUDIER, Frederic  
N, A Aperto Networks Inc.

remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 09.60** General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / other): N4 / -  
G: yes U: MCC:  
rapporporteur: KYMALAINEN, Kimmo  
KYMALAINEN, Kimmo  
TeliaSonera AB

remarks - this release: #24: 5.0.0 #25: withdrawn

history (event, available, version, comments, hyperlink):  
smg-24 1997-12-19 5 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:

WG (prime / other): S2 / -  
G: yes U:  
rapporteur: PETERSEN, Johan Apica Technologies  
MCC: BOSWARTHICK, David  
remarks - this release: #25: (5.x.y withdrawn)

### history (event, available, version, comments, hyperlink):

smg-21	1997-02-14	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-24	1997-10-08	5	.	2	.	0	<a href="#">get it</a>
draft	1997-10-28	5	.	2	.	1	<a href="#">get it</a>
draft	1998-12-10	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-20	5	.	3	.	1	<a href="#">get it</a>
draft	1998-02-05	5	.	3	.	2	<a href="#">get it</a>
draft	1998-02-12	5	.	3	.	3	<a href="#">get it</a>
draft	1998-02-15	5	.	3	.	4	<a href="#">get it</a>
draft	1998-03-15	5	.	3	.	5	<a href="#">get it</a>
draft	1998-03-05	5	.	4	.	0	<a href="#">get it</a>
smg-25	1998-03-15	5	.	4	.	1	<a href="#">get it</a>
draft	1998-04-06	5	.	4	.	2	<a href="#">get it</a>

## TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:

WG (prime / other): S1 / -  
G: yes U:  
rapporteur: TARAZI, Roger EDP Telecom  
MCC: CLAYTON, Michael  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-21	5	.	0	.	0	
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

**TR 10.68** Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)  
R96 current version: none

freeze\_meeting: smg-22

G: yes U:

remarks - general: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

history (event, available, version, comments, hyperlink):

smg-21 5 . 0 . 0 abandoned

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R96 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-2** Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification  
R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): G3new/ S1 / NP / T2 / SCP  
SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5. remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / other): T3 / -  
rapporteur: LINDHOLM, Rune  
MCC: THOMASEN, Gert  
NOKIA Corporation  
remarks - this release: #16: 5.0.0 withdrawn

### history (event, available, version, comments, hyperlink):

smg-16? 1996-01-25 5 . 0 . 0 SMG-16: withdrawn

[get it](#)

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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / other): G1 / -  
rapporteur: VACANT,  
MCC: USAI, Paolino  
USAI, Paolino  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 5 . 0 . 0  
smg-23 1997-10-17 5 . 1 . 0  
smg-25 1998-03-20 5 . 2 . 0  
smg-26 1998-06-26 5 . 3 . 0  
smg-27 1998-10-16 5 . 4 . 0  
Editorial correction 1998-10-16 5 . 4 . 1  
GP-09 2002-05-15 5 . 5 . 0 withdrawn

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R96

12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

**TS 12.03** **Security Management**  
R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): S5 / S1 / NP rapporteur: TRUSS, Michael MOTOROLA Ltd

G: yes U: MCC: ZOICAS, Adrian  
remarks - this release: No spec.

remarks - general:

history (event, available, version, comments, hyperlink):

**TS 12.04** **Performance data measurements**  
R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): S5 / S1 / NP rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

G: yes U: MCC: ZOICAS, Adrian  
remarks - this release: No spec

remarks - general:

history (event, available, version, comments, hyperlink):

## Ph2

Ph2 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.05

Ph2  
Definitions  
current version: none  
freeze\_meeting:  
remarks - general:

WG (prime / other): SP / -  
G: yes U:  
rapporteur: VACANT,  
MCC: POPE, Maurice  
remarks - this release: n.a.

history (event, available, version, comments, hyperlink):

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## TS 01.06

Ph2  
Service implementation phases and possible further phases in the GSM PLMN  
current version: none  
freeze\_meeting:  
remarks - general:

WG (prime / other): - / -  
G: yes U:  
rapporteur: TWINGLER, Jonas  
MCC: N, A  
Northstream AB  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 01.07

Ph2  
Updating procedure for GSM Recommendations  
current version: none  
freeze\_meeting:  
remarks - general:

WG (prime / other): - / -  
G: yes U:  
rapporteur: TWINGLER, Jonas  
MCC: N, A  
Northstream AB  
remarks - this release:

history (event, available, version, comments, hyperlink):

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Ph2

02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph2 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - / - rapporteur: TWINGLER, Jonas Northstream AB

G: yes U: MCC: N, A

remarks - this release: #16: withdrawn

history (event, available, version, comments, hyperlink):

draft 1995-08-21 0 . 1 . 0

draft 1994-06-01 4 . 0 . 0

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## Ph2 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

### TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMS-Cs) to Short Message Entities (SMEs)

Ph2 current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): T2 / -

G: yes U: rapporteur: HARRIS, Ian  
MCC: HAN, Seung Don

remarks - this release: #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

Research In Motion Limited

remarks - this release: #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 4 . 0 . 0

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## Ph2 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

**TS 07.06** Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration  
Ph2  
WG (prime / other): T2 / -  
freeze\_meeting: none  
current version: none  
freeze\_meeting: none  
remarks - general:

rapporteur: HARRIS, Ian  
Research In Motion Limited

MCC: HAN, Seung Don

remarks - this release: #7: 4.1.0 #13: 4.2.0 #15: withdrawn

history (event, available, version, comments, hyperlink):

ETSI publication 1994-09-13 4 . 1 . 2  
ETSI OAP 1995-03-06 4 . 2 . 0  
ETSI publication 1995-08-01 4 . 2 . 1

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Ph2 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

**TS 08.59** BSC-BTS O&M Signalling Transport

Ph2  
WG (prime / other): G1 / -  
freeze\_meeting: none  
current version: none  
freeze\_meeting: none  
remarks - general:

rapporteur: VACANT,  
USAI, Paolino

MCC: USAI, Paolino

remarks - this release:

history (event, available, version, comments, hyperlink):

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Ph2 **09** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks

Ph2

current version: none

freeze\_meeting:

remarks - general:

WG (prime / other): - /

G: yes U:

rappporteur:

MCC:

Northstream AB

TWINGLER, Jonas

N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

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Ph2

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

**TS 11.10-3** **Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**  
Ph2 *current version: none* *WG (prime / other): G3new/ S1 / NP / T2 / SCP*  
*freeze\_meeting: smg-11b* *rappporteur: SALMERON, Lidia* TELEPLUS LIMITED

*remarks - general:* 2001-11-19: G4->G5.

G: yes U: *remarks - this release: GP-06: Rel-4 serves all releases.*  
MCC: BAEV, Stoyan

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	4	. 13	. 0	<a href="#">get it</a>
smg-17	1996-02-02	4	. 14	. 0	<a href="#">get it</a>
smg-18	1996-04-12	4	. 15	. 0	<a href="#">get it</a>
smg-19	1996-06-28	4	. 16	. 0	<a href="#">get it</a>
ETSI publication	1997-01-27	4	. 16	. 1	<a href="#">get it</a>
smg-20	1996-10-11	4	. 17	. 0	<a href="#">get it</a>
ETSI publication	1997-06-04	4	. 17	. 1	<a href="#">get it</a>
smg-21	1997-02-14	4	. 18	. 0	<a href="#">get it</a>
ETSI publication	1997-09-11	4	. 18	. 1	<a href="#">get it</a>
smg-22	1997-06-13	4	. 19	. 0	<a href="#">get it</a>
ETSI publication	1998-02-02	4	. 19	. 1	<a href="#">get it</a>
smg-23	1997-10-17	4	. 20	. 0	<a href="#">get it</a>
ETSI publication	1998-05-11	4	. 20	. 1	<a href="#">get it</a>
smg-24	1997-12-19	4	. 21	. 0	<a href="#">get it</a>
ETSI publication	1998-08-24	4	. 21	. 1	<a href="#">get it</a>
smg-25	1998-03-20	4	. 22	. 0	<a href="#">get it</a>
ETSI publication	1998-10-23	4	. 22	. 1	<a href="#">get it</a>
smg-26	1998-06-26	4	. 23	. 0	<a href="#">get it</a>
ETSI publication	1998-12-16	4	. 23	. 1	<a href="#">get it</a>
smg-27	1998-10-16	4	. 24	. 0	<a href="#">get it</a>
ETSI publication	1999-04-08	4	. 24	. 1	<a href="#">get it</a>
smg-28	1999-02-12	4	. 25	. 0	<a href="#">get it</a>
ETSI publication	1999-08-25	4	. 25	. 1	<a href="#">get it</a>
smg-29	1999-06-25	4	. 26	. 0	<a href="#">get it</a>
ETSI publication	1999-12-23	4	. 26	. 1	<a href="#">get it</a>
smg-30	1999-11-11	4	. 27	. 0	<a href="#">get it</a>
ETSI publication	2000-06-23	4	. 27	. 1	<a href="#">get it</a>
smg-31	2000-02-16	4	. 28	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

ETSI publication 2000-10-05 4 . 28 . 1  
smg-32 2000-06-20 4 . 29 . 0  
GP-02 2000-12-01 4 . 30 . 0  
GP-03 2001-01-25 4 . 31 . 0  
GP-04 2001-04-11 4 . 32 . 0  
GP-05 2001-06-28 4 . 33 . 0  
GP-06 2001-09-06 4 . 34 . 0

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**TS 11.16** **Conformity Specifications for Transparent Facsimile Group 3 Adaptors**  
Ph2 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / *rapporteur:* HOWELL, Andrew  
*G: yes U:* N, A *MCC:* MOTOROLA Ltd

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

**TS 11.25** **The GSM Base Station System (BSS) Equipment specification Half-rate speech**  
Ph2 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*G: yes U:* USAI, Paolino *MCC:*

*remarks - general:* *remarks - this release:* (no such spec)

*history (event, available, version, comments, hyperlink):*

Ph2 **12 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2  
*current version:* none  
*freeze\_meeting:*  
*WG (prime / other):* - / - *rapporteur:* N, A  
*G: yes U:* *MCC:*  
*remarks - general:* Title may have been "Network Management (NM); Part 3: Operations and performance management". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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## Ph1

Ph1 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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## TR 00.02 Voice group call service study (UIC project)

Ph1  
*current version:* none  
*freeze\_meeting:*  
*WG (prime / other):* - / *rapporteur:* N, A  
*G: yes U:* *MCC:* N, A  
*remarks - general:* Indicate persons who left Company and wait for new One  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Ph1 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.05 Simultaneous and Alternate Use of Services

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: yes U:                      MCC: N, A  
remarks - this release:

remarks - general: MoU

history (event, available, version, comments, hyperlink):

smg-01 1992-05-06 3 . 0 . 2

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## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): - / - rapporteur: TWINGLER, Jonas  
Northstream AB

G: yes U:                      MCC: N, A  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

1995-08-25 0 . 2 . 0  
1995-10-06 0 . 2 . 1  
1994-05-10 3 . 0 . 0  
1994-05-10 3 . 0 . 1

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[get it](#)  
[get it](#)

## TS 02.10 Provision of Telecommunication Services

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): - / - rapporteur: N, A  
Indicate persons who left Company and wait for new One

G: yes U:                      MCC: N, A  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

**TS 02.12**  
Ph1  
**Licensing**  
current version: none  
freeze\_meeting:

WG (prime / other): - / - rapporteur: N, A  
G: yes U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

**TS 02.13**  
Ph1  
**Subscription to the Services of a GSM PLMN**

current version: none  
freeze\_meeting:

WG (prime / other): - / - rapporteur: N, A  
G: yes U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

**TS 02.14**  
Ph1  
**Service Directory**  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: yes U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.



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WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.15 Circulation of mobile stations

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A  
G: yes U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

## TS 02.21 Transferred account procedure and billing information

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): S2 / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: yes U: MCC: BOSWARTHICK, David

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Jan 1990 1994-05-10 3 . 3 . 0  
? 1994-05-10 3 . 4 . 0

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[get it](#)

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Ph1 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.42** **SMS Compression**  
Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): T2 / - rapporteur: HARRIS, Ian  
G: yes U: HAN, Seung Don  
Research In Motion Limited

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
gsm4 2003-05-06 3 . 0 . 0 Jan 1990: title was "Advanced data  
MHS".

[get it](#)

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Ph1 **09** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.09**

**Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN**

Ph1  
current version: none  
freeze\_meeting: gsm-25b

WG (prime / other): N4 / - rapporteur: VAINIKKA, Jari  
G: yes U: KYMALAINEN, Kimmo  
NOKIA Corporation

remarks - general: 2003-05-07: no draft available, so withdraw.

remarks - this release:

history (event, available, version, comments, hyperlink):  
First complete draft 1 . 0 . 0

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Ph1

**11** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): - /  
rapporteur: N, A  
MCC: N, A

Indicate persons who left Company and wait for new One

G: yes U:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

## TS 11.20 GSM DCS 1800 Base Station Specification

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): GP / NP  
rapporteur: VACANT,  
USAI, Paolino  
MCC:

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

gsm-32	3 . 6 . 0
smg-01	3 . 7 . 0
smg-02	3 . 8 . 0
smg-03	3 . 9 . 0
smg-04	3 . 10 . 0
smg-05	3 . 11 . 0
smg-06	3 . 12 . 0
smg-07	3 . 13 . 0
smg-08	3 . 14 . 0
smg-09	3 . 15 . 0
smg-10	3 . 16 . 0
smg-11	3 . 17 . 0
smg-12	3 . 19 . 0
smg-13	3 . 20 . 0
smg-20	3 . 23 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

Ph1 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.07 Ph1 Public Land Mobile Network (PLMN) Quality of Service (QoS)

current version: none  
freeze\_meeting:

remarks - general:

Title may have been "Network Management (NM); Part 3: Operations and performance management".

WG (prime / other): - / - rapporteur:

G: yes U:

MCC:

N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0

## TS 12.13 Ph1 Maintenance of the Mobile-services Switching Centre

current version: none  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S5 /

G: yes U:

rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

## TS 12.14 Ph1 Maintenance of Location Registers

current version: none  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / other): S5 /

G: yes U:

rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

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WITHDRAWN specs Ph1 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

**TS 24.04U** UMTS interworking and internetworking signalling aspects; Interworking of UMTS with other systems  
current version: none / rapporteur: N, A Indicate persons who left Company and wait for new  
freeze\_meeting: - / One  
G: U: MCC: N, A  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

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## 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

**TS 32.103** (pending)  
current version: none / rapporteur: N, A Indicate persons who left Company and wait for new  
freeze\_meeting: - / One  
G: U: yes MCC: ZOICAS, Adrian  
remarks - general: 2003-11-05: S5 declares this spec number will not be used. remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs

32 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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