

**3GPP TSG-CN  
3GPP TSG-RAN  
3GPP TSG-T  
3GPP TSG-SA  
Meeting #26, Vougliameni (Athens), Greece, December 2004**

***Tdoc NP-040572  
Tdoc RP-040501  
Tdoc TP-040249  
Tdoc SP-040826***

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

**Title:**             **Specs status list prior to TSGs#26**

**Document for:**   **information**

The following table shows the status list immediately prior to TSGs#26. It differs from that corresponding to the end of SA#25 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#22.

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Active or Withdrawn / Stopped (Active specs first)  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Withdrawn / Stopped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

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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)

## ACTIVE specs

### Rel-7

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  
freeze\_meeting:  
remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
G: yes U: yes MCC: CLAYTON, Michael

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-24 2004-06-14 7 . 0 . 0

[get it](#)

**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 / 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 7 . 0 . 0

[get it](#)

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

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

Rel-7  
WG (prime / G: yes U: yes) S1 / -  
current version: 7.1.0  
freeze\_meeting: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research In Motion Limited  
remarks - general: Transfer>TSG#4  
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

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

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

Rel-7  
WG (prime / G: yes U: yes) S1 / -  
current version: 7.0.0  
freeze\_meeting: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - general: Transfer>TSG#4  
remarks - this release:

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

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

[get it](#)

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

Rel-7  
WG (prime / G: yes U: yes) S1 / -  
current version: 7.1.0  
freeze\_meeting: GRECH, Michel  
MCC: CLAYTON, Michael  
Lucent Technologies Network Systems UK  
remarks - general:  
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

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[get it](#)

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

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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 22.101 Service aspects; Service principles

Rel-7 current version: 7.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

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

[get it](#)

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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

freeze\_meeting:

remarks - general:

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

WG (prime /  
G: yes U: yes

S1 /

rappporteur: CATALDO, Mark  
MCC: CLAYTON, Michael

Openwave Systems (N.I.) Ltd

remarks - this  
release:

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

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

[get it](#)

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## TR 22.935

Rel-7 Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking

current version: none

freeze\_meeting:

remarks - general:

Post SP-25: WID = SP-040309, second named rapporteur = Vijay Varma.

WG (prime /  
G: U: yes

S1 / -

rappporteur: LOUSHINE, Mike  
MCC: CLAYTON, Michael

Telcordia Technologies, Inc.

remarks - this  
release:

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

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

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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

## TR 22.936 Behaviour of multi-system terminals

Rel-7 current version: none  
freeze\_meeting:  
remarks - general: WI = SP-040306, later SP-040513.

WG (prime /  
G: U: yes

S1 / rapporteur: WILLIAMS, David Hugh  
MCC: CLAYTON, Michael  
QUALCOMM EUROPE S.A.R.L.

remarks - this  
release:

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

## TS 22.953 Multimedia priority service feasibility study

Rel-7 current version: 0.3.0  
freeze\_meeting:  
remarks - general:

WG (prime /  
G: U: yes

S1 / - rapporteur: GARRAHAN, James  
MCC: CLAYTON, Michael  
Telcordia Technologies, Inc.

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](#)

## TS 22.978 All-IP feasibility study

Rel-7 current version: 0.4.0  
freeze\_meeting:  
remarks - general: SP-24: WI = SP-040303.

DRAFT  
WG (prime /  
G: U: yes

S1 / - 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  
draft 2004-06-25 0 . 1 . 0  
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.

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

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

Rel-7 DRAFT WG (prime) / S1 / rapporteur: FRANK, Robert TeliSonera.AB

freeze\_meeting: 0 . 0 . 0 G: U: yes

remarks - general: WI = SP-040305. SP-25: owner is XIX pronounced "nineteen" (aka remarks - this release:  
CSiCS = Circuit Switched IMS Combinational Service) subgroup of S1.

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

draft	0	.	0	.	0	.	0
draft	0	.	1	.	0	.	0
S2-41	2004-09-01	0	.	2	.	0	S1-040800
draft	2004-10-07	0	.	2	.	1	S1-040858

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

Rel-7 DRAFT WG (prime) / S2 / - rapporteur: JAKSA, Robert HUAWAI TECHNOLOGIES Co. Ltd.

freeze\_meeting: 0 . 0 . 0 G: U: yes

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

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

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



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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 23.803 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 /  
G: U: yes

S2 /

rporteur: BERTENYI, Balazs  
MCC: BOSWARTHICK, David

NOKIA Corporation

remarks - this  
release:

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

draft 2004-09-27 0 . 0 . 1

[get it](#)

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

Rel-7 DRAFT

current version: 0.2.0

freeze\_meeting:

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

WG (prime /  
G: U: yes

S2 /

rporteur: 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

S2-42 2004-10-26 0 . 1 . 0

S2-43 2004-12-03 0 . 2 . 0

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## TR 23.898 3GPP access class barring and overload protection

Rel-7

current version: none

freeze\_meeting:

remarks - general: SP-23: WI = SP-040042. SP-25: approval expected SP-26 or SP-27.

WG (prime /  
G: U: yes

S2 / -

rporteur: DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.  
MCC: BOSWARTHICK, David

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

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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)

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 current version: none

freeze\_meeting:

remarks - general: RP-20: reference to HSDPA removed from title

WG (prime /

G: U: yes

R1 /

Lucent Technologies

rappporteur: HUANG, Howard

MCC: ISHII, Yoshikazu

Timed out of Rel-6.

remarks - this

release:

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

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Rel-7 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 26.141 IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs

Rel-7 current version: none

freeze\_meeting:

remarks - general: W1 = "Media Codecs and Formats for IMS Messaging and Presence"

UID 32045.

WG (prime /

G: U: yes

S4 / -

NOKIA Corporation

rappporteur: HONKO, Harri

MCC: USAI, Paolino

Timed out of Rel-6.

remarks - this

release:

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

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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

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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-7 32 .- series

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**TS 32.431** **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements**  
Rel-7 current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime) / S5 / - rapporteur: TOCHE, Christian  
G: U: yes MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

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

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**TS 32.433** **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition**  
Rel-7 current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime) / S5 / - rapporteur: TOCHE, Christian  
G: U: yes MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

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

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**TS 32.434** **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Abstract Syntax Notation number 1 (ASN.1) file format**  
Rel-7 current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime) / S5 / - rapporteur: TOCHE, Christian  
G: U: yes MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
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

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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-7 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):* 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:* Information Service (IS) *WG (prime):* S5 / none *rappporteur:* RAO, Mohan

Technologies Network Systems UK

*freeze\_meeting:*

*remarks - general:*

*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):

Rel-7 *current version:* Common Object Request Broker Architecture (CORBA) Solution Set (SS)none *WG (prime):* S5 / - *rappporteur:* RAO, Mohan

Technologies Network Systems UK

*freeze\_meeting:*

*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

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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-7 32 .- series

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

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

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 / S5 RAO, Mohan Lucent  
Technologies Network Systems UK rapporteur: /-

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

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

**TR 32.805** Telecommunication management; Process guide; Backward compatibility recommendations

Rel-7 current version: 1.0.0

DRAFT

WG (prime / S5 /

rapporteur: TSE, Edwin

Ericsson Incorporated

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

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

draft 2004-11-26 0 . 1 . 0

SP-26 2004-11-30 1 . 0 . 0

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

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

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: 7.0.0

freeze\_meeting:

remarks - general:

WG (prime / 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

[get it](#)

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

freeze\_meeting:

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

WG (prime / S3 / rapporteur: CHRISTOFFERSSON, TeliaSonera AB

Per

CHRISTOFFERSSON, TeliaSonera AB

POPE, Maurice

G: yes U:

MCC:

remarks - this  
release:

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

## Rel-6

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

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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)

Rel-6 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-6 WG (prime) / SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: none U: yes POPE, Maurice  
remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release  
1999 Specifications".  
release:

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

## TS 21.111 USIM and IC card requirements

Rel-6 WG (prime) / T3 / - rapporteur: KALINER, Stefan T-Mobile International AG  
current version: 6.1.0 G: U: yes RODERMUND, Friedhelm  
freeze\_meeting: .  
remarks - general: .  
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) / SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
current version: 6.0.0 G: yes U: yes POPE, Maurice  
freeze\_meeting: .  
remarks - general: .  
release:

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

SP-23 2004-04-02 6 . 0 . 0 [get it](#)

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

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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

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

Rel-6 WG (prime / DRAFT G: U: yes

S2 / - rapporteur: LAUTIER, Laurence NORTEL NETWORKS (EUROPE)

MCC: BOSWARTHICK, David

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 WG (prime / G: yes U: yes

SP / - rapporteur: MEREDITH, John M ETSI Secretariat

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-21 2003-09-26 6 . 0 . 0 [get it](#)

SP-22 2004-01-14 6 . 1 . 0 [get it](#)

edito post SP-23 2004-04-02 6 . 1 . 1 corrects Release shown on cover page [get it](#)

SP-24 2004-06-24 6 . 2 . 0 [get it](#)

SP-25 2004-09-29 6 . 3 . 0 [get it](#)

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





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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

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 /  
G: yes U: yes

S1 / -

rappporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

T-Mobile (UK) Ltd

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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remarks - this  
release:

## 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 Service accessibility

Rel-6 current version: 6.4.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

rappporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

ORANGE SA

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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remarks - this  
release:

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

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

Rel-6

current version: 6.0.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

rapporporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this  
release:

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

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

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

Rel-6

current version: 6.3.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

rapporporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research In Motion Limited

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

SP-25 2004-09-27 6 . 3 . 0

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## TS 22.041 Operator Determined Call Barring

Rel-6

current version: 6.2.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

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

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**TS 22.060** **General Packet Radio Service (GPRS); Service description; Stage 1**  
Rel-6 *WG (prime /*  
*G: yes U: yes*  
*freeze\_meeting:*  
*remarks - general:* Transfer>TSG#4

S1 / - *rapporteur:* CARPENTER, Paul  
*MCC:* CLAYTON, Michael  
*remarks - this release:* Research In Motion Limited

*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 *WG (prime /*  
*G: yes U: yes*  
*freeze\_meeting:*  
*remarks - general:* Transfer>TSG#4

S1 / - *rapporteur:* CLAYTON, Michael  
*MCC:* CLAYTON, Michael  
*remarks - this release:* EMCOM Ltd

*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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[get it](#)

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

Rel-6 *WG (prime /*  
*G: yes U: yes*  
*freeze\_meeting:*  
*remarks - general:* Transfer>TSG#4

S1 / - *rapporteur:* SWETINA, Joerg  
*MCC:* CLAYTON, Michael  
*remarks - this release:* SIEMENS AG

*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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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 22.071 Location Services (LCS); Stage 1

Rel-6 current version: 6.7.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: DEOL, Amar

G: yes U: yes Clayton, Michael

Nortel Networks (USA)

MCC:

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

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

Rel-6 current version: 6.6.0

freeze\_meeting:

remarks - general:

WG (prime / S1 / - rapporteur: GRECH, Michel

G: yes U: yes Clayton, Michael

Lucent Technologies Network Systems UK

MCC:

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

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

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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 22.094 Follow Me service description - Stage 1

Rel-6 current version: 6.0.0

freeze\_meeting:

T-Mobile International AG

HECHWARTNER,  
Roland

rappporteur:

CLAYTON, Michael

MCC:

S1 / -

WG (prime /  
G: yes U: yes

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:

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

SP-22 2004-01-06 6 . 0 . 0 [get it](#)

## TS 22.101 Service aspects; Service principles

Rel-6 current version: 6.8.0

freeze\_meeting:

Nortel Networks (USA)

DEOL, Amar

rappporteur:

CLAYTON, Michael

MCC:

S1 / -

WG (prime /  
G: U: yes

remarks - general: decided to scrap 02.94 R99 in favour of a common GSM/UMTS spec, 22.094.

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

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

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

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

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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:

remarks - general:

WG (prime / S1 / - rapporteur: ZARRI, Michele  
G: U: yes T-Mobile (UK) Ltd

MCC: CLAYTON, Michael

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

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## TS 22.115 Service Aspects Charging and billing

Rel-6 current version: 6.4.0

freeze\_meeting:

remarks - general:

WG (prime / S1 / - rapporteur: SCARRONE, Enrico  
G: yes U: yes TELECOM ITALIA S.p.A.

MCC: CLAYTON, Michael

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

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

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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  
WG (prime) /  
G: U: yes

S1 / -

rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

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

WG (prime) /  
G: U: yes

G:

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

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

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

S1 / -

rapporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael

ORANGE SA

remarks - this release:

WG (prime) /  
G: yes U: yes

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

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

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G = required in systems with GERAN acces; U = required in systems with UMTS



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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 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-6 current version: 6.6.0

freeze\_meeting:

remarks - general: (development in T2)

WG (prime /  
G: U: yes

S1 / -

rapporteur: MEYER, Juergen  
MCC: CLAYTON, Michael

SIEMENS AG

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

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## TS 22.141 Presence service; Stage 1

Rel-6 current version: 6.2.1

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

S1 / -

rapporteur: WOHLERT, Randolph  
MCC: CLAYTON, Michael

SBC Technology Resources Inc.

remarks - this  
release: SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".

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

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

# 3GPP specification status

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

Rel-6 current version: 6.6.0

freeze\_meeting:

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

WG (prime / S1 / rapporteur: JARVIS, Andre

G: U: yes U: yes 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 [get it](#)  
SP-17 2002-09-17 6 . 1 . 0 [get it](#)  
SP-19 2003-03-25 6 . 2 . 0 [get it](#)  
SP-22 2004-01-06 6 . 3 . 0 [get it](#)  
SP-23 2004-03-23 6 . 4 . 0 [get it](#)  
SP-24 2004-06-14 6 . 5 . 0 [get it](#)  
SP-25 2004-10-01 6 . 6 . 0 [get it](#)

## TS 22.174 Push service; Stage 1

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime / S1 / rapporteur: WATSON, John

G: yes U: yes U: yes MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - this release: 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](#)

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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 22.177 Speech-enabled services; Stage 1

Rel-6 current version: none

freeze\_meeting:

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

WG (prime/

G: U: yes

S1 /

rapporteur:

ZARRI, Michele  
CLAYTON, Michael

T-Mobile (UK) Ltd

remarks - this  
release:

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

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

Rel-6 current version: 6.6.0

freeze\_meeting:

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

WG (prime/

G: yes U: yes

S1 /

rapporteur:

CATALDO, Mark  
CLAYTON, Michael

Openwave Systems (N.I.) Ltd

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

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

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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 / S1 / rapporteur: WATSON, John VODAFONE Group Plc  
G: U: yes MCC: CLAYTON, Michael

freeze\_meeting: .  
remarks - general: remarks - this release:

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 / S1 / rapporteur: BOOTE, Michael Lucent Technologies Network Systems UK  
G: U: yes MCC: CLAYTON, Michael

freeze\_meeting: 2003-10-31: Spec number formally allocated  
remarks - general: remarks - this release: SP-22: target for approval = SP-25. SP-25: this release unwithdrawn!

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

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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 current version: 6.4.0

freeze\_meeting:

remarks - general: Cf work item "Generic user profile"

WG (prime /

G: U: yes

S1 /

T-Mobile AUSTRIA GmbH

rappporteur: BISCHINGER, Kurt

MCC: CLAYTON, Michael

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	

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

Rel-6 current version: 6.2.0

freeze\_meeting: SP-18

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.

WG (prime /

G: U: yes

S1 /

Openwave Systems (N.I.) Ltd

rappporteur: WOOD, Nicholas

MCC: CLAYTON, Michael

remarks - this release: SP-25: will make this a blank doc just referencing the OMA spec; will not be propagated to Rel-7.

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	

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G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

**TS 22.243** **Speech recognition framework for automated voice services; Stage 1**  
Rel-6 *WG (prime /*  
G: yes U: yes  
*freeze\_meeting:*  
remarks - general: WI UID = 31006

S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*MCC:* CLAYTON, Michael  
*remarks - this release:* Delayed from Rel-5.

*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** **Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1**

Rel-6 *WG (prime /*  
G: yes U: yes  
*freeze\_meeting:*  
remarks - general: SP-20: WID = SP-030347.

S1 / *rapporteur:* CURCIO, Igor NOKIA Corporation  
*MCC:* CLAYTON, Michael  
*remarks - this release:*

*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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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:

remarks - general:

WG (prime / S1 / rapporteur: LAATU, Juho  
G: U: yes / 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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[get it](#)

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

Rel-6  
current version: 6.1.0

freeze\_meeting:

remarks - general: 2002-10-08: created from 22.940.

WG (prime / S1 / rapporteur: LAATU, Juho  
G: U: yes / 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

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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

WG (prime /

G: U: yes

S1 /

rapporteur: FRANK, Robert  
MCC: CLAYTON, Michael

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

TeliaSonera AB

### 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

WG (prime /

G: yes U: yes

T2 /

rapporteur: RODERMUND, Friedhelm  
MCC: RODERMUND, Friedhelm

remarks - this  
release:

### remarks - general:

### 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



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

Rel-6 WG (prime) / S1 / -

freeze\_meeting: SP-18 G: U: yes

rappporteur: YOUNGE, Mark T-Mobile USA Inc.

MCC: CLAYTON, Michael

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

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

Rel-6 WG (prime) / S1 /

freeze\_meeting: 6.0.0 G: U: yes

rappporteur: LAATU, Juho NOKIA Corporation

MCC: CLAYTON, Michael

remarks - general: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact, In fact, unwithdrawn and approved!  
remarks - this release: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! 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

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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 22.949 Study on a generalized privacy capability

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI: PrivCap.

WG (prime /  
G: U: yes

S1 / -  
rapporteur: BOOTE, Michael  
MCC: CLAYTON, Michael

Lucent Technologies Network Systems UK

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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## TR 22.950 Priority service feasibility study

Rel-6 current version: 6.3.0

freeze\_meeting:

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

WG (prime /  
G: yes U: yes

S1 / -  
rapporteur: GARRAHAN, James  
MCC: CLAYTON, Michael

Telcordia Technologies, Inc.

remarks - this  
release:

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

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

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

# 3GPP specification status

## TR 22.951 Service aspects and requirements for network sharing

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

S1 / rapporteur: ZARRI, Michele T-Mobile (UK) Ltd

MCC: CLAYTON, Michael

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

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

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

## TR 22.952 Priority service guide

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general: Work item = PRIOR.

WG (prime /  
G: yes U: yes

S1 / -

remarks - this release:

rapporteur: GARRAHAN, James Telcordia Technologies, Inc.

MCC: CLAYTON, Michael

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	

# 3GPP specification status

## TR 22.977 Feasibility study for speech-enabled services

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / S1 / rapporteur: ZARRI, Michele T-Mobile (UK) Ltd  
G: U: yes MCC: CLAYTON, Michael

remarks - this release:

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

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

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## 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: 6.5.0

freeze\_meeting:

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

WG (prime / 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

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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 23.003 Numbering, addressing and identification

Rel-6 current version: 6.4.0

freeze\_meeting:

remarks - general:

WG (prime / 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
Implements, inter alia, CR083r2 accidentally omitted from v6.1.0.						
NP-24	2004-06-15	6	.	3	.	0
NP-25	2004-09-30	6	.	4	.	0

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## TS 23.007 Restoration procedures

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime / N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD  
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-25	2004-09-30	6	.	1	.	0

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

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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 23.008 Organisation of subscriber data

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: BAUER, Rolf  
MCC: KYMALAINEN, Kimmo

ALCATEL SEL AG

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

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## TS 23.011 Technical realization of Supplementary Services

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: CONRAD, Alan  
MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

remarks - this  
release:

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

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

[get it](#)

## TS 23.012 Location management procedures

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

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

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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:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur:

PARK, Ian David  
Chalmers

VODAFONE LTD

MCC:  
KYMALAINEN, Kimmo

remarks - this  
release:

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:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur:

WIEHE, Ulrich  
KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

MCC:  
KYMALAINEN, Kimmo

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:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur:

PARK, Ian David  
Chalmers

VODAFONE LTD

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

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

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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 23.038 Alphabets and language-specific information

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited  
remarks - this  
release:

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

Rel-6 current version: 6.5.0

freeze\_meeting:

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

WG (prime /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited  
remarks - this  
release:

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



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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 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited

remarks - this  
release:

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

Rel-6 current version: 6.2.0

freeze\_meeting:

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

WG (prime /  
G: yes U: yes

T2 / - rapporteur: BRENK, Lars  
MCC: RODERMUND, Friedhelm

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

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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: 6.6.0  
freeze\_meeting:  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes  
S2 / - rapporteur: 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

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

Rel-6 current version: 6.0.0  
freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes  
N4 / - 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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 23.078 Rel-6 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

WG (prime /

G: yes U: yes

N4 / - 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 [get it](#)

NP-23 2004-04-01 6 . 1 . 0 [get it](#)

NP-24 2004-06-17 6 . 2 . 0 [get it](#)

NP-25 2004-09-30 6 . 3 . 0 [get it](#)

## TS 23.081 Rel-6 Line Identification supplementary services; Stage 2

WG (prime /

G: yes U: yes

N4 / - rapporteur: KYMALAINEN, Kimmo

MCC: KYMALAINEN, Kimmo

TeliaSonera AB

remarks - general:

remarks - this release:

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

NP-25 2004-09-30 6 . 0 . 0 [get it](#)

## TS 23.088 Rel-6 Call Barring (CB) Supplementary Service; Stage 2

WG (prime /

G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - general:

remarks - this release:

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

NP-19 2003-04-04 6 . 0 . 0 [get it](#)

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

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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:  
remarks - general: Transfer>TSG#4. GSM only @TSG#5  
WG (prime / 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 23.107 Quality of Service (QoS) concept and architecture

Rel-6  
current version: 6.1.0  
freeze\_meeting:  
remarks - general: was 23.907  
WG (prime / S2 / -  
G: U: yes  
rapporteur: 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](#)

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

Rel-6  
current version: 6.2.0  
freeze\_meeting:  
remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC  
refiew of R98 features.  
WG (prime / N1 / -  
G: yes U: yes  
rapporteur: HIETALAHTI, Hannu  
MCC: JURISIC, Andrijana  
NOKIA Corporation  
remarks - this  
release:

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

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

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

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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 23.125 Overall high level functionality and architecture impacts of flow based charging; Stage 2

Rel-6 WG (prime) / S2 / - rapporteur: BOMAN, Krister Telefon AB LM Ericsson

G: U: yes MCC: BOSWARTHICK, David

remarks - general: WI UID = 32030.

SP-23: to be completed by SP-24.

remarks - this release:

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

draft 0 . 0 . 1

Moved text from 2004-02-05 0 . 1 . 0

TR 23.825 v 1.4.0

S2-38 0 . 2 . 0 several drafts of this version distributed within S2

post S2-38 2004-02-27 0 . 2 . 1

SP-23 2004-03-22 2 . 0 . 0 SP-040050

SP-23 2004-04-01 6 . 0 . 0

SP-24 2004-06-22 6 . 1 . 0

SP-25 2004-09-27 6 . 2 . 0

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## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-6 WG (prime) / S2 / - rapporteur: GOURRAUD, Christophe ERICSSON RESEARCH CANADA

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:

SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6". 2004-0830: Intention is to withdraw Rel-6 at SP-26, in favour of 23.198.

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](#)

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

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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

## TS 23.140 Rel-6

### Multimedia Messaging Service (MMS); Functional description; Stage 2

WG (prime) /

G: yes U: yes

T2 / - rapporteur: LAUMEN, Josef INFINEON TECHNOLOGIES

MCC: RODERMUND, Friedhelm

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>

## TS 23.141 Rel-6

### Presence service; Architecture and functional description; Stage 2

WG (prime) /

G: U: yes

S2 / rapporteur: BERTENYI, Balazs NOKIA Corporation

MCC: BOSWARTHICK, David

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-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>

SP-17 2002-10-04 1 0 0 SP-020538 for approval  
SP-17 2002-10-07 6 0 0 Many editorial corrections needed before fit for SDO publication.

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

# 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 23.172

Rel-6 Technical realization of Circuit Switched (CS) multimedia service; **UDI/RDI fallback and service modification; Stage 2**

current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /

G: U: yes

N3 / -

rapporporteur:

HUSLENDE, Ragnar

Telefon AB LM Ericsson

MCC:

HAN, Seung Don

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

[get it](#)

[get it](#)

## TS 23.174

Rel-6 Push service; stage 2

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: U: yes

S2 /

rapporporteur:

WOLAK, Stephen

VODAFONE Group Plc

MCC:

BOSWARTHICK, David

remarks - this

release:

SP-17: Rel-5 -> Rel-6 to accord with stage 1.

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

## TS 23.198

Rel-6 Open Service Access (OSA); Stage 2

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: U: yes

N5 / -

rapporporteur:

GOURRAUD, Christophe

ERICSSON RESEARCH CANADA

MCC:

ZOICAS, Adrian

NP-25: Anticipate approval NP-26; see LS in SP-040493.

remarks - this

release:

Anticipate v1.0.0 at NP-26.

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

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

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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 23.202 Circuit switched data bearer services

Rel-6 current version: none

freeze\_meeting:

remarks - general: Derived from 23.910.

WG (prime /  
G: U: yes

N3 / - rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - this  
release:

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

## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-6 current version: 6.4.0

freeze\_meeting:

remarks - general:

S2 / - rapporteur: OYAMA, Johnson  
MCC: BOSWARTHICK, David  
Nippon Ericsson K.K.

WG (prime /  
G: yes U: yes

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

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## TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

N1 / - rapporteur: DRAGE, Keith  
MCC: JURISIC, Andrijana  
Lucent Technologies Network Systems UK

WG (prime /  
G: yes U: yes

remarks - this  
release:

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

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

NP-23 2004-03-22 6 . 1 . 0

NP-25 2004-09-27 6 . 2 . 0

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[get it](#)

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



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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 23.221 Architectural requirements

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general: Derived from R99-specific 23.121

WG (prime /  
G: yes U: yes

S2 / -

rporteur: DANIEL, Elizabeth  
MCC: BOSWARTHICK, David

Lucent Technologies Network Systems UK

remarks - this  
release:

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 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-6 current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

S2 / -

rporteur: TOWLE, Thomas  
MCC: BOSWARTHICK, David

Lucent Technologies

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 [get it](#)  
edito post SP-18 2003-01-07 6 . 0 . 1 [get it](#)  
SP-19 2003-03-27 6 . 1 . 0 [get it](#)  
SP-20 2003-06-23 6 . 2 . 0 [get it](#)  
SP-21 2003-10-01 6 . 3 . 0 [get it](#)  
SP-22 6 . 4 . 0 never issued  
SP-22 2004-01-06 6 . 4 . 1 [get it](#)  
SP-23 2004-04-01 6 . 5 . 0 [get it](#)  
SP-24 2004-06-21 6 . 6 . 0 [get it](#)  
SP-25 2004-09-27 6 . 7 . 0 [get it](#)

corrects Rel shown on front cover.

corrects omitted CR

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



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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

## TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-6 current version: 6.5.0

freeze\_meeting:

remarks - general: Cf work item "Generic user profile"

WG (prime) / U: yes  
G:

S2 / rapporteur: KOSKINEN, Harri Nokia Telecommunications Inc.

MCC: BOSWARTHICK, David

remarks - this SP-19: moved from Rel-5  
release:

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

SP-19	2003-03-24	1	.	0	.	0	S2-030944 -> SP-030031	<a href="#">get it</a>
S2-31	2003-04-22	1	.	1	.	0		<a href="#">get it</a>
S2-32	2003-05-26	1	.	2	.	0	S2-032170	<a href="#">get it</a>
SP-20	2003-05-26	2	.	0	.	0	S2-032171 -> SP-030310	<a href="#">get it</a>
SP-20	2003-06-20	6	.	0	.	0		<a href="#">get it</a>
SP-21	2003-10-01	6	.	1	.	0		<a href="#">get it</a>
SP-22	2004-01-06	6	.	2	.	0		<a href="#">get it</a>
SP-23	2004-04-01	6	.	3	.	0		<a href="#">get it</a>
SP-24	2004-06-21	6	.	4	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	5	.	0		<a href="#">get it</a>

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

# 3GPP specification status

## TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)

Rel-6 WG (prime) / U: yes  
freeze\_meeting: G:

N4 / T2 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.  
2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941.

### 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	<a href="#">get it</a>
draft		1	.	0	.	1	T2-040021	<a href="#">get it</a>
TP-23 ex T2-24	2004-03-22	2	.	0	.	0	T2-040109 -> TP-040051	<a href="#">get it</a>
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>

# 3GPP specification status

## TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-6 current version: 6.4.0

freeze\_meeting:

WG (prime) / S2 /  
G: U: yes

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 23.846.

remarks - this release:

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

draft	0	0	0	0	
S2-27	2002-11-14	0	1	0	<a href="#">get it</a>
S2-28		0	2	0	
add TS number	2002-12-18	0	2	1	<a href="#">get it</a>
S2-29	2003-02-24	0	3	0	<a href="#">get it</a>
S2-30		0	4	0	
SP-19: was to have been SP-030128 but never presented (withdrawn unseem from mtg)					
S2-31	2003-04-29	0	5	0	<a href="#">get it</a>
S2-32		0	6	0	
SP-20	2003-06-17	1	0	0	SP-030312
S2-33	2003-07-17	1	1	0	<a href="#">get it</a>
S2-34		1	2	0	<a href="#">get it</a>
editorial		1	2	1	
SP-21	2003-09-29	2	0	0	SP-030390
SP-21	2003-10-08	6	0	0	
SP-22	2004-01-06	6	1	0	<a href="#">get it</a>
SP-23	2004-04-01	6	2	0	<a href="#">get it</a>
SP-24	2004-06-23	6	3	0	<a href="#">get it</a>
SP-25	2004-09-27	6	4	0	<a href="#">get it</a>

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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: 6.1.0

freeze\_meeting:

remarks - general: WI UID = 32044

WG (prime /  
G: U: yes

S2 / 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

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## TS 23.271 Location Services (LCS); Functional description; Stage 2

Rel-6 current version: 6.9.0

freeze\_meeting:

remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

WG (prime /  
G: yes U: yes

S2 / - rapporteur: WONG, Gavin  
MCC: BOSWARTHICK, David  
VODAFONE Group Plc

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

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

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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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## TR 23.801 Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements

Rel-6 DRAFT WG (prime) / S2 / PUDNEY, Chris VODAFONE Group Plc  
freeze\_meeting: 1.0.0 G: U: yes MCC: BOSWARTHICK, David  
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 [get it](#)

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## TR 23.835 Study into applicability of Galileo in Location Services (LCS)

Rel-6 DRAFT WG (prime) / S2 / - DAMIDAUX, Jean-Louis ALCATEL S.A.  
freeze\_meeting: 1.0.0 G: U: yes MCC: BOSWARTHICK, David  
remarks - general: W1D contained in S2-022472. See also remarks - this release:  
[http://www.esa.int/export/esaSA/GGMX650NDC\\_navigation\\_0.html](http://www.esa.int/export/esaSA/GGMX650NDC_navigation_0.html)

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

S2-30 0 . 0 . 0  
S2-31 2003-04-14 0 . 0 . 1 S2-031153 [get it](#)  
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 [get it](#)

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## TR 23.841 Presence service architecture

Rel-6 6.0.0 WG (prime) / S2 / BERTENYI, Balazs NOKIA Corporation  
freeze\_meeting: 6.0.0 G: U: yes MCC: BOSWARTHICK, David  
remarks - general: TP-16: clear that service is Rel-6. remarks - this release:

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

SP-16 2002-07-22 2 . 0 . 0 SP-020319 [get it](#)  
SP-16 2002-07-25 6 . 0 . 0 [get it](#)

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

# 3GPP specification status

## TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-6 current version: 6.1.0

freeze\_meeting:

WG (prime / U: yes  
G: U: yes

S2 / rapporteur: JARVIS, Andre Hutchison 3G UK Ltd (3)

MCC: BOSWARTHICK, David

remarks - general: This is a preparatory report which may result in the creation of a stage 2 TS 23.246. SP-15: To be a Rel-6 service, not Rel-5.  
release: remarks - this

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

draft	2002-04-12	0	3	0	<a href="#">get it</a>
S2-24		0	4	0	
post S2-24	2002-05-22	0	5	0	<a href="#">get it</a>
draft	2002-05-28	0	5	1	<a href="#">get it</a>
SP-16	2002-07-04	1	0	0	SP-020361
draft	2002-07-19	1	1	0	<a href="#">get it</a>
draft	2002-07-22	1	1	1	<a href="#">get it</a>
draft	2002-09-16	1	2	0	<a href="#">get it</a>
SP-17	2002-09-24	2	0	0	SP-020535
SP-17	2002-10-03	6	0	0	<a href="#">get it</a>
SP-18	2003-01-13	6	1	0	<a href="#">get it</a>



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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:

remarks - general: WI UID = 32044

TeliaSonera AB

rapporteur: NILSSON, Ulf

MCC: BOSWARTHICK, David

S2 /

WG (prime /  
G: yes U: yes

remarks - this  
release:

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

draft	0	0	0	0
draft	0	1	0	0
S2-32	2003-05-02	0	2	0
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
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-23	2004-04-01	6	0	0
SP-24	2004-06-25	6	1	0

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## TR 23.864 Commonality and interoperability between IP Multimedia System (IMS) core networks

Rel-6 current version: 0.6.0

freeze\_meeting:

remarks - general: Was briefly 23.964.

DRAFT

S2 / -

WG (prime /  
G: U: yes

remarks - this  
release:

NOKIA Corporation

rapporteur: BERTENYI, Balazs

MCC: BOSWARTHICK, David

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

S2-29	2003-02-03	0	3	1
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

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

Renumbered to 23.864.

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

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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

Rel-6 WG (prime) / DRAFT

S2 / - rapporteur: LIEBHART, Rainer SIEMENS AG

freeze\_meeting: 0.7.0 G: U: yes

MCC: BOSWARTHICK, David

remarks - general: 2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060 and 23.228.

remarks - this release:

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			<a href="#">get it</a>
post S2-32	2003-06-17	0	2	0			<a href="#">get it</a>
post S2-33	2003-07-15	0	3	0			<a href="#">get it</a>
S2-34	2003-09-04	0	4	0			<a href="#">get it</a>
S2-35		0	5	0			
S2-36	2004-01-03	0	6	0			<a href="#">get it</a>
S2-43		0	7	0			

## TR 23.877 Architectural aspects of speech-enabled services

Rel-6 WG (prime) /

S2 / - rapporteur: XUAN, Qing VODAFONE Group Plc

freeze\_meeting: 6.0.0 G: U: yes

MCC: BOSWARTHICK, David

remarks - general: WID = SP-030305 (though this tdoc is actually withdrawn).

remarks - this release:

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

S2-34	2003-08-21	0	0	0	S2-033088	<a href="#">get it</a>
S2-35	2003-11-03	0	0	1	S2-033558	<a href="#">get it</a>
SP-22	2004-01-05	1	0	0	SP-030663	<a href="#">get it</a>
draft	2004-01-21	1	1	0		<a href="#">get it</a>
S2-38		1	2	0		
SP-23	2004-03-22	2	0	0	SP-040047	<a href="#">get it</a>
SP-23	2004-04-01	6	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

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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:

remarks - general:

WG (prime /  
G: U: yes

S2 / rapporteur: PUDNEY, Chris

MCC: BOSWARTHICK, David

VODAFONE Group Plc

remarks - this  
release:

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

draft 0 . 4 . 0

SP-18 2003-01-10 1 . 0 . 0 SP-020797 for approval

SP-18 2003-01-13 6 . 0 . 0 Anticipate CR next mtg to clarify that  
this is not a loophole to allow untested  
UEs to be placed on the market.

SP-19 2003-03-27 6 . 1 . 0

SP-20 2003-06-20 6 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TR 23.899 Combining Circuit Switched (CS) bearers with IP Multimedia Subsystem (IMS)

Rel-6 current version: 0.5.0

freeze\_meeting:

remarks - general: SP-23: WI = SP-040044. SP-25: expected approval at SP-27.

WG (prime /  
G: U: yes

S2 / - rapporteur: WATSON, Mark

MCC: BOSWARTHICK, David

NORTEL NETWORKS (EUROPE)

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

S2-43 2004-12-03 0 . 5 . 0 S2-043890

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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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 23.903** **Redial solution for video-voice switching**  
Rel-6 DRAFT  
WG (prime / U: yes)  
G: PUDNEY, Chris VODAFONE Group Plc  
rapporporteur: BOSWARTHICK, David  
MCC: SP-25: anticipated approval at SP-26.  
remarks - this release:

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

S1-41 2004-08-03 0 . 0 . 1  
SP-25 2004-09-20 1 . 0 . 0 SP-040535

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

**TR 23.934** **3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition**  
Rel-6 DRAFT  
WG (prime / U: yes)  
G: PAINT, FrÉdÉric Telenor AS  
rapporporteur: BOSWARTHICK, David  
MCC: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.  
remarks - this release:

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

S2-24 2002-05-07 0 . 1 . 0  
SP-17 2002-09-24 1 . 0 . 0 SP-020536

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

**TR 23.941** **3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)**  
Rel-6 DRAFT  
WG (prime / U: yes)  
G: KOZA, Yvette T-Mobile International AG  
rapporporteur: KYMALAINEN, Kimmo  
MCC: .  
remarks - this release:

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

2004-11-16: N4 create this from TS 23.241 which is to be withdrawn.

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

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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 23.976

Rel-6 Push architecture

current version: 6.1.0

freeze\_meeting:

remarks - general: 2003-02-04: 23.876 -> 23.976

WG (prime / S2 / - rapporteur: ALFANO, Nicholas Research In Motion Limited

G: U: yes MCC: BOSWARTHICK, David

remarks - this release:

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

S2-29	0	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	<a href="#">get it</a>
S2-37	2004-01-20	1	3	0	<a href="#">get it</a>
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	<a href="#">get it</a>

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

# 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)

## TR 23.977 Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks

WG (prime) / S2 /

SEISER, Franz

rapporteur:

T-Mobile AUSTRIA GmbH

G: U: yes

BOSWARTHICK, David

MCC:

SP-23: anticipate v2.0.0 at SP-24.

freeze\_meeting: Work Item: Bandwidth and Resource savings and Speech enhancements for CS networks (S2-032137)

remarks - this release:

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

S2-33	0	0	0	
S2-33	0	1	0	Bears wrong number on cover sheet.
draft	0	1	1	Corrects number on cover page.
S2-34	0	2	0	
S2-35	0	3	0	S2-033741
SP-22	1	0	0	SP-030713
S2-37	1	1	0	
S2-38	1	2	0	
S2-39	1	3	0	
SP-24	2	0	0	SP-040445
SP-24	6	0	0	
SP-25	6	1	0	

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

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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 Push-to-talk over Cellular (PoC) services; Stage 2

Rel-6 WG (prime) / S2 / rapporteur: SULTANA, Shabnam Telefon AB LM Ericsson

DRAFT

G: U: yes

current version: 1.3.0

freeze\_meeting:

remarks - general: SP-21: WI = SP-030540

remarks - this release:

MCC: 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	<a href="#">get it</a>
	S2-38	2004-03-03	0	3	0	<a href="#">get it</a>
	S2-39	2004-05-12	0	4	0	<a href="#">get it</a>
draft			0	5	0	
	S2-40		0	6	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	2004-11-26	1	3	0	0	S2-043896rev1

## TR 23.981

Rel-6

Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

WG (prime) / S2 / rapporteur: MILINSKI, Alexander SIEMENS AG

G: U: yes

MCC: BOSWARTHICK, David

remarks - this release:

remarks - general: SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to

convert 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	1	0	

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

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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)

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 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-6  
current version: 6.2.0  
freeze\_meeting:  
remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / N1 / - rapporteur: HOWELL, Andrew  
G: yes U: yes MCC: JURISIC, Andrijana  
MOTOROLA Ltd  
remarks - this  
release:

### 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](#)

## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

Rel-6  
current version: 6.6.0  
freeze\_meeting:  
remarks - general:

WG (prime / N1 / - rapporteur: HOWELL, Andrew  
G: yes U: yes MCC: JURISIC, Andrijana  
MOTOROLA Ltd  
remarks - this  
release:

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

NP-19 2003-03-24 6 . 0 . 0 [get it](#)  
NP-20 2003-07-04 6 . 1 . 0 [get it](#)  
NP-21 2003-10-09 6 . 2 . 0 [get it](#)  
NP-22 2004-01-12 6 . 3 . 0 [get it](#)  
NP-23 2004-03-22 6 . 4 . 0 [get it](#)  
NP-24 2004-06-14 6 . 5 . 0 [get it](#)  
NP-25 2004-09-27 6 . 6 . 0 [get it](#)

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



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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

Rel-6 current version: 6.0.0

freeze\_meeting:

WG (prime /

N1 / T2

MOTOROLA A/S

rapporporteur: ANDERSEN, Niels  
Peter Skov

JURISIC, Andrijana

MCC:

G: yes U: yes

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 24.030 Location Services (LCS); Supplementary service operations; Stage 3

Rel-6 current version: 6.1.0

freeze\_meeting:

WG (prime /

N4 / -

Nortel Networks (USA)

rapporporteur: GARAPATY, Sonia  
KYMALAINEN, Kimmo

MCC:

G: yes U: yes

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

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

[get it](#)

[get it](#)

---

## TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

Rel-6 current version: 6.1.0

freeze\_meeting:

WG (prime /

N4 / -

Gesellschaft f r Kommunikations Software

rapporporteur: WIEHE, Ulrich  
KYMALAINEN, Kimmo

MCC:

G: yes U: yes

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

[get it](#)

[get it](#)

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

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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 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
remarks - this  
release:

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

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

[get it](#)

## TS 24.109 Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 14504

WG (prime /  
G: U: yes

N1 /  
remarks - this  
release:

rappporteur: VARGA, József  
MCC: JURISIC, Andrijana

NOKIA Corporation

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

draft 2004-03-22 0 . 0 . 1

N1-33b 2004-04-27 0 . 1 . 0

N1-34 2004-05-25 0 . 2 . 0

N1-34b 2004-07-01 0 . 3 . 0

N1-35 2004-08-31 2 . 0 . 0

[note that rapporteur produced a

second version 2.0.0, which is ignored]

post N1-35 2004-09-03 2 . 1 . 0

NP-25 2004-09-03 2 . 1 . 1

NP-25 2004-09-20 2 . 1 . 2

NP-25 2004-09-27 6 . 0 . 0

[get it](#)

[get it](#)

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

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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) / N1 / rapporteur: DRAGE, Keith  
Lucent Technologies Network Systems UK  
G: yes U: yes MCC: JURISIC, Andrijana  
freeze\_meeting: .  
remarks - general: W1 = PRSNC (UID 2499)  
remarks - this release:

## 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-24	2004-06-14	6	0	0
NP-25	2004-09-27	6	1	0

NP-040200 ex N1-34

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

G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 6.0.0

freeze\_meeting:

remarks - general: 2003-06: WID is NP-030286 = IMS-CCR-E

N1 / rapporteur: MAYER, Georg

MCC: JURISIC, Andrijana

NOKIA Corporation

remarks - this release:

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

draft	0	0	1		
draft	0	0	2		
draft	2003-06-30	0	0	3	
draft	2003-06-30	0	0	4	
				technically identical to v003 but has the number on the front cover	
draft	2003-07-10	0	0	5	
draft	2003-09-12	0	1	0	
N1-34	2004-05-24	1	0	0	
				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
N1-34b	2004-06-22	1	1	0	
N1-35	2004-09-03	1	2	0	
NP-25	2004-09-20	2	0	0	
NP-25	2004-09-27	6	0	0	

## TS 24.167 3GPP IMS Management Object (MO); Stage 3

Rel-6 current version: none

freeze\_meeting:

remarks - general:

WG (prime / U: yes

N1 / rapporteur: MONRAD, Ate

MCC: JURISIC, Andrijana

Telefon AB LM Ericsson

remarks - this release:

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

G = required in systems with GERAN acces; U = required in systems with UMTS



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Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series) ACTIVE specs Rel-6 24 .- series

## TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3

Rel-6 DRAFT

current version: 0.5.0

freeze\_meeting:

WG (prime /

G: U: yes

N4 / T2

rapporteur: KYMALAINEN, Kimmo TellaSonera.AB

MCC: KYMALAINEN, Kimmo

remarks - general: Cf work item 'Generic user profile' - may be renumbered to 27.241. NP-24/TP-24: tferred from T2 to N4.

remarks - this release:

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

draft 2002-05-28 0 . 3 . 0 [get it](#)

draft 2003-09-12 0 . 4 . 3 [get it](#)

draft 2003-11-03 0 . 5 . 0 T2-030570 [get it](#)

## TS 24.247 Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 DRAFT

current version: 1.2.0

freeze\_meeting:

WG (prime /

G: U: yes

N1 /

rapporteur: MAYER, Georg NOKIA Corporation

MCC: JURISIC, Andrijana

remarks - this release:

remarks - general: 2003-06: WID is NP-030286 = IMS-CCR-E

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

draft 2003-08-19 0 . 0 . 0 [get it](#)

draft 2003-10-10 0 . 1 . 0 [get it](#)

draft 2003-12-04 0 . 2 . 0 [get it](#)

draft 2004-01-03 0 . 2 . 1 [get it](#)

N1-32b 2004-02-02 0 . 3 . 0 [get it](#)

post N1-32b 2004-02-04 0 . 3 . 1 Includes N1-040200. [get it](#)

N1-33 2004-02-23 0 . 4 . 0 [get it](#)

post N1-33 2004-02-26 0 . 4 . 1 [get it](#)

N1-33b 2004-04-05 0 . 5 . 0 [get it](#)

N1-34 1 . 0 . 0 [get it](#)

post N1-34 2004-05-25 1 . 0 . 1 change record claims this version is editorials

N1-34b 2004-06-22 1 . 1 . 0 history box claims v2.1.0 following

NP-25 2004-09-03 1 . 2 . 0 NP-040328 ex N1-35 [get it](#)

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



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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

WG (prime /

G: U: yes

R4 / -

rapporteur: 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>

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-6

WG (prime /

G: U: yes

R4 / -

rapporteur: KOTTKAMP, Melk 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



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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: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime) / R4 / - rapporteur: SK-LD, Johan Telefon AB LM Ericsson  
G: U: yes MCC: 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.	<a href="#">get it</a>
RP-19	2003-04-04	6	.	1	.	0		<a href="#">get it</a>
RP-20	2003-06-27	6	.	2	.	0		<a href="#">get it</a>
RP-21	2003-09-29	6	.	3	.	0		<a href="#">get it</a>
RP-22	2004-01-23	6	.	4	.	0		<a href="#">get it</a>
RP-23	2004-04-01	6	.	5	.	0		<a href="#">get it</a>
RP-24	2004-06-24	6	.	6	.	0		<a href="#">get it</a>
RP-25	2004-09-30	6	.	7	.	0		<a href="#">get it</a>

## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime) / R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
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	<a href="#">get it</a>
RP-24	2004-06-24	6	.	1	.	0		<a href="#">get it</a>

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

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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:

remarks - general:

WG (prime / R4 / - rapporteur: NILSSON, Martin Indicate persons who left Company and wait for new One  
G: U: yes remarks - this release:  
MCC: GUTIERREZ MIGUELEZ, Cesar  
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 [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: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry  
G: U: yes remarks - this release:  
MCC: GUTIERREZ MIGUELEZ, Cesar  
created for M.1457 update

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

RP-22 2004-01-23 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime / R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
G: U: yes remarks - this release:  
MCC: GUTIERREZ MIGUELEZ, Cesar

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

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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

Rel-6

### Requirements for support of radio resource management (FDD)

current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime /

G: U: yes

R4 / -

rapporporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

MCC: GUTIERREZ MIGUELEZ, Cesar

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

## TS 25.141

Rel-6

### Base Station (BS) conformance testing (FDD)

current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime /

G: U: yes

R4 / -

rapporporteur: NAKAMURA, Takaharu Fujitsu Limited

MCC: 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	

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

# 3GPP specification status

## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R4 / -

rappporteur: MEYER, Juergen  
MCC: SIEMENS AG  
GUTIERREZ MIGUELEZ, Cesar

created for M.1457 update  
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 [get it](#)  
RP-24 2004-06-24 6 . 1 . 0 [get it](#)

## TS 25.143 UTRA repeater conformance testing

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general: Created by renumbering 25.107

WG (prime /  
G: U: yes

R4 / -

rappporteur: KUMMETZ, Thomas  
MCC: MIKOM GmbH - An Andrew Company  
GUTIERREZ MIGUELEZ, Cesar

created for M.1457 update  
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 [get it](#)  
RP-24 2004-06-24 6 . 1 . 0 [get it](#)  
RP-25 2004-09-30 6 . 2 . 0 [get it](#)

## TS 25.171 Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: W1 UID = 24012

WG (prime /  
G: U: yes

R4 /

rappporteur: SHEN, Donglin  
MCC: AT&T Wireless Services, Inc.  
GUTIERREZ MIGUELEZ, Cesar

created for M.1457 update  
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  
draft 0 . 2 . 0  
R4-32 2004-09-30 0 . 3 . 0  
RP-25 2004-09-20 1 . 0 . 0 RP-040341  
RP-25 2004-09-30 6 . 0 . 0 [get it](#)

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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 25.201 Physical layer - general description

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / - rapporteur: GERSTENBERGER, Telefon AB LM Ericsson

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 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / - rapporteur: PARKVALL, Stefan Ericsson AB

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](#)

## TS 25.212 Multiplexing and channel coding (FDD)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / - rapporteur: MICHEL, J.,rgen SIEMENS AG

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-23 2004-04-02 6 . 1 . 0 [get it](#)

RP-24 2004-06-18 6 . 2 . 0 [get it](#)

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

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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 25.213 Spreading and modulation (FDD)

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / -

rapporteur: WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.

ISHII, Yoshikazu

MCC:

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 25.214 Physical layer procedures (FDD)

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / -

rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)

ISHII, Yoshikazu

MCC:

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](#)

RP-24 2004-06-18 6 . 2 . 0 [get it](#)

RP-25 2004-09-28 6 . 3 . 0 [get it](#)

## TS 25.215 Physical layer; Measurements (FDD)

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / -

rapporteur: SUZUKI, Hidetoshi Panasonic Mobile Communications Co.,Ltd.

ISHII, Yoshikazu

MCC:

remarks - this  
release:

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

RP-22 2004-01-14 6 . 0 . 0 Minor problems implementing CFRs. [get it](#)

See readme file.

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

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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 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-6

WG (prime) / R1 / -  
G: U: yes

rapporporteur: CHAPMAN, Thomas  
MCC: SIEMENS AG

freeze\_meeting:

remarks - this  
release: created for M.1457 update

remarks - general:

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](#)

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## TS 25.222 Multiplexing and channel coding (TDD)

Rel-6

WG (prime) / R1 / -  
G: U: yes

rapporporteur: BEALE, Martin  
MCC: IPW/ireless Inc.

freeze\_meeting:

remarks - this  
release: created for M.1457 update

remarks - general:

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](#)

---

## TS 25.223 Spreading and modulation (TDD)

Rel-6

WG (prime) / R1 / -  
G: U: yes

rapporporteur: ISHII, Yoshikazu  
MCC: created for M.1457 update

freeze\_meeting:

remarks - this  
release:

remarks - general:

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

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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

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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 25.224 Physical layer procedures (TDD)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / -

rappporteur: RUDOLF, Marian  
MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS

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](#)

## TS 25.225 Physical layer; Measurements (TDD)

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / -

rappporteur: CZAPLA, Liliana  
MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS

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: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 / -

rappporteur: 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](#)

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



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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 25.302 Services provided by the physical layer

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general: V3.0.0 approved via e-mail July 99 CR at TSG#5?

WG (prime /  
G: U: yes

R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

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](#)

RP-23 2004-03-24 6 . 1 . 0 [get it](#)

## TS 25.303 Interlayer procedures in Connected Mode

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation

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](#)

RP-25 2004-09-23 6 . 1 . 0 [get it](#)

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: BARRETO, Luis NOKIA Corporation

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](#)

RP-23 2004-03-24 6 . 1 . 0 [get it](#)

RP-24 2004-06-17 6 . 2 . 0 [get it](#)

RP-25 2004-09-23 6 . 3 . 0 [get it](#)

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

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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 25.305

Rel-6 **User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2**

WG (prime) / R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes MCC: ARZELIER, Claude

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 [get it](#)

RP-24 2004-06-17 6 . 1 . 0 [get it](#)

## TS 25.306

Rel-6 **UE Radio Access capabilities definition**

WG (prime) / R2 / - rapporteur: BERGGREN, Anders Ericsson Incorporated

G: U: yes MCC: ARZELIER, Claude

remarks - general: Converted from TR 25.926 at TSG#10.

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-24 2004-06-17 6 . 2 . 0 [get it](#)

## TS 25.307

Rel-6 **Requirements on User Equipments (Ues) supporting a release-independent frequency band**

WG (prime) / R2 / R4 rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

G: U: yes MCC: ARZELIER, Claude

remarks - general: Release independentl - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

remarks - this release:

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

RP-22 2004-01-12 6 . 0 . 0 [get it](#)

RP-23 2004-03-24 6 . 1 . 0 [get it](#)

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

# 3GPP specification status

## TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2

Rel-6 WG (prime) /

G: U: yes

R2 / rapporteur: KUCHIBHOTLA, Ravi

MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - this created for M.1457 update  
release:

### 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-25 2004-09-27 6 . 2 . 0 [get it](#)

## TS 25.309 FDD enhanced uplink; Overall description; Stage 2

Rel-6 WG (prime) /

G: U: yes

R2 / - rapporteur: GODARD, Tania

MCC: ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

remarks - this  
release:

### remarks - general: W1 = "FDD Enhanced Uplink"

### 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

# 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 25.321 Medium Access Control (MAC) protocol specification

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: STADLER, Thomas  
MCC: ARZELIER, Claude

remarks - this  
release: created for M.1457 update

SIEMENS AG

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-24 2004-06-17 6 . 2 . 0 [get it](#)

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: MADELAINE,  
MCC: ARZELIER, Claude

remarks - this  
release: created for M.1457 update

PHILIPS CONSUMER COMMUNICATION

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-24 2004-06-17 6 . 1 . 0 [get it](#)

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: HANS, Martin  
MCC: ARZELIER, Claude

remarks - this  
release: created for M.1457 update

INFINEON TECHNOLOGIES

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

RP-22 2004-01-12 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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

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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 25.324 Broadcast/Multicast Control (BMC)

Rel-6

WG (prime / R2 / - rapporteur: HARTL, Mike

G: U: yes

MCC: ARZELIER, Claude

Vodafone D2 GmbH

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-24 2004-06-17 6 . 1 . 0 [get it](#)

## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-6

WG (prime / R2 / - rapporteur: KUCHIBHOTLA, Ravi

G: U: yes

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 [get it](#)

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 [get it](#)  
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

RP-23 2004-03-29 6 . 1 . 0 [get it](#)

RP-24 2004-07-02 6 . 2 . 0 [get it](#)

RP-25 2004-09-28 6 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 6.2.0 freeze\_meeting: U: yes

WG (prime/ R2 / -

rappporteur: PIRSKANEN, Juho

MCC: ARZELIER, Claude

NOKIA Corporation

remarks - general:

remarks - this release:

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

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

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

R2-38 2003-11-03 2 . 3 . 0

R2-39 2003-12-05 2 . 4 . 0 RP-030653; various early draft

versions of v2.4.0 were circulated on

R2-40 2004-01-30 2 . 5 . 0 Several drafts bearing this version

number were distributed. Only the first

was kept.

RP-23 2004-03-03 2 . 6 . 0 (ex R3-41 - yes, really) RP-040079

RP-23 2004-03-26 6 . 0 . 0

RP-24 2004-06-17 6 . 1 . 0

RP-25 2004-09-23 6 . 2 . 0

[get it](#)

[get it](#)

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

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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: 6.4.0  
freeze\_meeting:  
remarks - general: Approval at TSG#5

WG (prime / R3 / - rapporteur: GODIN, Philippe NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: CALDENHOVEN, Juergen  
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](#)

**TS 25.402** **Synchronisation in UTRAN Stage 2**

Rel-6  
current version: 6.0.0  
freeze\_meeting:  
remarks - general: New

WG (prime / R3 / - rapporteur: KUNZ, Walter SIEMENS AG  
G: U: yes 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 [get it](#)

**TS 25.409** **Enhanced uplink UTRA FDD; Stage 3**

Rel-6  
current version: none  
freeze\_meeting:  
remarks - general: 2004-08-04: Spec number reserved for eventual spec resulting from 25.909

WG (prime / R3 / - rapporteur: STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this release:

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

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

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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: 6.1.0

freeze\_meeting:

remarks - general: Approval at TSG#5

WG (prime /  
G: U: yes

R3 / -

rappporteur: 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

[get it](#)

[get it](#)

## TS 25.411 UTRAN lu interface layer 1

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / -

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

RP-25 2004-09-24 6 . 1 . 0

[get it](#)

[get it](#)

## TS 25.412 UTRAN lu interface signalling transport

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / -

rappporteur: NG, Cheng Hock  
MCC: CALDENHOVEN, Juergen

NEC 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

[get it](#)

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



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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 lu interface Radio Access Network Application Part (RANAP) signalling

WG (prime /

G: U: yes

R3 / - rapporteur: GUYOT, Olivier NOKIA Corporation

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 [get it](#)  
RP-23 2004-04-01 6 . 1 . 0 [get it](#)  
RP-24 2004-06-21 6 . 2 . 0 [get it](#)  
RP-25 2004-09-24 6 . 3 . 0 [get it](#)

## TS 25.414 UTRAN lu interface data transport & transport signalling

WG (prime /

G: U: yes

R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

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 [get it](#)  
RP-24 2004-06-18 6 . 1 . 0 [get it](#)  
RP-25 2004-09-24 6 . 2 . 0 [get it](#)

## TS 25.415 UTRAN lu interface user plane protocols

WG (prime /

G: U: yes

R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

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 [get it](#)  
RP-25 2004-09-24 6 . 1 . 0 [get it](#)

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

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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 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-6

WG (prime / U: yes  
G: U: yes

R3 / - rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc  
MCC: CALDENHOVEN, Juergen

remarks - general: freeze\_meeting: created for M.1457 update  
release:

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](#)

---

## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-6

WG (prime / U: yes  
G: U: yes

R3 / - rapporteur: PALAT, Sudeep Lucent Technologies Network Systems UK  
MCC: CALDENHOVEN, Juergen

remarks - general: freeze\_meeting: created for M.1457 update  
release:

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-24 2004-06-18 6 . 1 . 0 [get it](#)

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## TS 25.421 UTRAN Iur interface Layer 1

Rel-6

WG (prime / U: yes  
G: U: yes

R3 / - rapporteur: KUNZ, Walter SIEMENS AG  
MCC: CALDENHOVEN, Juergen

remarks - general: freeze\_meeting: created for M.1457 update  
release:

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

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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

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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 25.422 UTRAN Iur interface signalling transport

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes  
G:

R3 / -

rappporteur: PALAT, Sudeep Lucent Technologies Network Systems UK

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 [get it](#)

## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes  
G:

R3 / -

rappporteur: ERICSSON, Ingela Telefon AB LM Ericsson

MCC: CALDENHOVEN, Juergen

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](#)

## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes  
G:

R3 / -

rappporteur: DREVON, Nicolas ALCATEL S.A.

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 [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

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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 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

MCC: CALDENHOVEN, Juergen

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](#)

---

## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: KEKKI, Sami NOKIA Corporation

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-23 2004-04-01 6 . 1 . 0

RP-24 2004-06-18 6 . 2 . 0

RP-25 2004-09-24 6 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: HAKULI, Tuomas NOKIA Corporation

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

[get it](#)

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

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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 25.430 UTRAN lub interface: General Aspects and Principles

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: KOIZUMI, Yoshiko Fujitsu Limited

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 [get it](#)

RP-24 2004-06-18 6 . 1 . 0 [get it](#)

RP-25 2004-09-24 6 . 2 . 0 [get it](#)

## TS 25.431 UTRAN lub interface Layer 1

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: KUNZ, Walter SIEMENS AG

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 [get it](#)

## TS 25.432 UTRAN lub interface: signalling transport

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: KOIZUMI, Yoshiko Fujitsu Limited

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 [get it](#)

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

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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 25.433 UTRAN lub interface NBAP signalling

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes

R3 / -

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
RP-23	2004-04-01	6	.	1	.	0
RP-24	2004-06-23	6	.	2	.	0
RP-25	2004-09-28	6	.	3	.	0

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

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes

R3 / -

rappporteur: LAVASANI, Shahab  
MCC: CALDENHOVEN, Juergen

TeliaSonera AB

created for M.1457 update

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](#)

Required for update of ITU-R M.1457

## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes

R3 / -

rappporteur: STOJANOVSKI, Saso  
MCC: CALDENHOVEN, Juergen

NORTEL NETWORKS (EUROPE)

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](#)

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

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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 25.442 UTRAN implementation-specific O&M transport

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / R3 / - rapporteur: HAUSER, Alexander Indicate persons who left Company and wait for new release: One  
G: U: yes remarks - this release: CALDENHOVEN, Juergen  
MCC: 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 25.450 UTRAN lupo interface general aspects and principles

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / R3 / rapporteur: JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this release:

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

RP-19 2003-03-26 6 . 0 . 0 [get it](#)

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## TS 25.451 UTRAN lupo interface layer 1

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / R3 / rapporteur: JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
G: U: yes 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 [get it](#)

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

# 3GPP specification status

## TS 25.452 UTRAN lpc interface: signalling transport

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / 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](#)

## TS 25.453 UTRAN lpc interface Positioning Calculation Application Part (PCAP) signalling

Rel-6 current version: 6.6.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / 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

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

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[get it](#)



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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 25.460 UTRAN Iuant interface: General aspects and principles

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 23010

WG (prime / R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - this release:

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 R3-041245

RP-25 2004-09-20 1 . 0 . 0 RP-040304

RP-25 2004-09-24 6 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 25.461 UTRAN Iuant interface: Layer 1

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 23010

WG (prime / R3 / - rapporteur: KUNZ, Walter SIEMENS AG

G: U: yes

MCC: CALDENHOVEN, Juergen

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

[get it](#)

[get it](#)

[get it](#)

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

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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 25.462 UTRAN Iuant interface: Signalling transport

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 23010

WG (prime / R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - this release:

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

draft	2004-07-22	0	0	0	2	<a href="#">get it</a>
draft		0	1	1	1	
R3-44	2004-08-30	0	1	1	2	<a href="#">get it</a>
RP-25	2004-09-20	1	0	0	0	<a href="#">get it</a>
RP-25	2004-09-24	6	0	0	0	<a href="#">get it</a>

## TS 25.463 UTRAN Iuant interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 23010

WG (prime / R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - this release:

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

draft	2004-07-22	0	0	0	2	<a href="#">get it</a>
R3-43	2004-08-30	0	1	1	2	<a href="#">get it</a>
RP-25	2004-09-20	1	0	0	0	<a href="#">get it</a>
RP-25	2004-09-24	6	0	0	0	<a href="#">get it</a>

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

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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 25.801** Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD)  
Rel-6 current version: Radio Resource Management (RRM) 6.0.0  
WG (prime / R3 / ) / MILLER, James INTERDIGITAL  
COMMUNICATIONS -rapporteur:

freeze\_meeting:

remarks - general:

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - this release:

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

RP-20	2003-06-17	1	0	0	0	RP-030342
RP-21	2003-09-26	2	0	0	0	RP-030425
RP-21	2003-09-30	6	0	0	0	

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**TR 25.803** S-CCPCH performance for MBMS

Rel-6 current version: 1.4.1

freeze\_meeting:

remarks - general:

DRAFT

WG (prime / R1 / ) / MALLADI, Durga  
G: U: yes

ISHII, Yoshikazu  
MCC: QUALCOMM EUROPE S.A.R.L.

remarks - this release: 2003-06-25: anticipate approval at RP-22.

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

R1-33	2003-09-11	0	0	1	
R1-33	2003-09-11	0	0	2	
post R1-33	2003-09-13	0	1	0	R1-030950
RP-21	2003-09-29	1	0	0	RP-030535
R1-34		1	1	0	
R1-35	2003-11-24	1	1	1	R1-031412
R1-35	2003-12-02	1	2	0	R1-031413
R1-36	2004-02-23	1	2	1	R1-040387
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

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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: 0.3.2

freeze\_meeting:

remarks - general: 2003-09-04: anticipated approval at RP-23. WI = R1Imp-FSUpEnhTDD.

WG (prime /  
G: U: yes

R1 /

rapporteur: RUDOLF, Marian  
MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS

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
R1-39	2004-11-23	0	3	1	R1-041319
draft	2004-12-03	0	3	2	R1-041519

## TR 25.805 DS-CDMA introduction in the 800 MHz band

Rel-6 DRAFT

current version: 0.3.0

freeze\_meeting:

remarks - general: WI = R1Imp-UIMTS800 (UID 24009)

WG (prime /  
G: U: yes

R4 /

rapporteur: NAKAMURA, Takehiro  
MCC: GUTIERREZ MIGUELEZ, Cesar

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"

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

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## TR 25.806 UMTS 1700/2100MHz Work Item

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI = R1nImp-UMTS850 (UID 24007) & R1nImp-UMTS1721 (UID 24010).  
2004-01-19: title changed from "UMTS 1700/2100MHz and UMTS 850MHz Work Items".

R4 /

WG (prime /

G: U: yes

rapporteur:

NUMMINEN, Jussi

NOKIA Corporation

GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

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

R4-28	0	.	0	.	0	R4-030830	
R4-29	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:

remarks - general:

R3 / -

WG (prime /

G: U: yes

rapporteur:

BURGOS MARTÓNEZ, Ana

TELEFONICA S.A.

CALDENHOVEN, Juergen

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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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 25.808 FDD enhanced uplink; Physical layer aspects

Rel-6 DRAFT

current version: 0.2.3

freeze\_meeting:

remarks - general:

WG (prime / U: yes) R1 / -

G: rapporteur: RANTA-AHO, Karri

MCC: ISHII, Yoshikazu

NOKIA Corporation

remarks - this release:

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

draft	2004-05-04	0 . 0 . 0	R1-040516	<a href="#">get it</a>
R1-37	2004-05-25	0 . 0 . 1	R1-040658	<a href="#">get it</a>
draft	2004-07-01	0 . 0 . 2	R1-040804	<a href="#">get it</a>
R1-38	2004-07-22	0 . 0 . 3	R1-040805, later R1-040971	<a href="#">get it</a>
R1-38		0 . 1 . 0		<a href="#">get it</a>
draft	2004-09-20	0 . 1 . 1		<a href="#">get it</a>
R1-38b		0 . 2 . 0		<a href="#">get it</a>
post R1-38b	2004-10-08	0 . 2 . 1		<a href="#">get it</a>
draft	2004-10-18	0 . 2 . 2		<a href="#">get it</a>
draft	2004-10-26	0 . 2 . 3	R1-041271 & R1-041408	<a href="#">get it</a>

## TR 25.852 Iu enhancements for IP Multimedia (IMS) support in UTRAN

Rel-6 DRAFT

current version: 0.0.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes) R3 /

rapporteur: GODIN, Philippe

MCC: CALDENHOVEN, Juergen

NORTEL NETWORKS (EUROPE)

remarks - this release:

WG (prime / U: yes) R3 /

rapporteur: GODIN, Philippe

MCC: CALDENHOVEN, Juergen

NORTEL NETWORKS (EUROPE)

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

RP-11 2001-04-06 0 . 0 . 0 Inherited from Rel-4.

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

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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:  
remarks - general:

WG (prime / U: yes  
G: U: yes  
R2 / - 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:

WG (prime / U: yes  
G: U: yes  
R1 / - 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 1 . 3 . 1  
draft 2004-02-13 1 . 7 . 0 R1-040188  
R1-36 1 . 7 . 1  
RP-23 2004-03-04 2 . 0 . 0 R1-36 -> RP-040083  
RP-23 2004-04-02 6 . 0 . 0

draft 2004-02-13 1 . 7 . 0 R1-040188  
R1-36 1 . 7 . 1  
RP-23 2004-03-04 2 . 0 . 0 R1-36 -> RP-040083  
RP-23 2004-04-02 6 . 0 . 0

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

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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:

R1 / - rapporteur: LI, Xiaoliang  
Indicate persons who left Company and wait for new One

G: U: yes

MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release:

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	

## 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:

R4 / - rapporteur: STAHLFUJALL, Peter Telefon AB LM Ericsson

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

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	

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.

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



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## TR 25.891 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5

Rel-6 WG (prime) / R3 /

reporteur: HWANG, Woonhee NOKIA Corporation

MCC: CALDENHOVEN, Juergen

G: U: yes

remarks - this release:

freeze\_meeting:

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 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:

WG (prime / R2 / - rapporteur: BARTLETT, David  
G: U: yes  
MCC: ARZELIER, Claude  
Indicate persons who left Company and wait for new One  
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:

WG (prime / R1 / - rapporteur: BEALE, Martin  
G: U: yes  
MCC: ISHII, Yoshikazu  
2002-10-07: anticipate approval at RP-20. RP-23: anticipate approval RP-25.  
remarks - this release:

remarks - general:

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

RP-19	2003-03-24	1	0	0	RP-030095
R1-31	2003-09-09	1	2	0	R1-030926
R1-34	2003-10-15	1	2	2	R1-031143
R1-35		1	3	0	
R4-29	2003-12-03	1	3	1	R4-031018
R4-30	2004-02-27	1	3	2	R1-040389
R1-37	2004-05-28	1	3	3	R1-040656
R1-38		1	3	4	
R1-38		1	4	0	
R1-38	2004-08-30	1	4	1	R1-041027
RP-25	2004-09-20	2	0	0	RP-040361
RP-25	2004-09-28	6	0	0	

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

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## TR 25.896 Feasibility study for enhanced uplink for UTRA FDD

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes) R1 / - rapporteur: RANTA-AHO, Karri

G: 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 25.897 Feasibility study on the evolution of UTRAN architecture

Rel-6 DRAFT

current version: 0.3.1

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: KEKKI, Sami  
MCC: 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

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## TR 25.898 Power control enhancements for UTRA

Rel-6 DRAFT

current version: 0.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 / - rapporteur: MITRA, Diptendu  
MCC: ISHII, Yoshikazu

NOKIA UK Ltd

remarks - this  
release:

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

R1-33 2003-09-10 0 . 1 . 0

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

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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 25.899 High Speed Download Packet Access (HSDPA) enhancements

Rel-6 current version: 6.1.0

freeze\_meeting:

WG (prime /  
G: U: yes

R1 / rapporteur: FUKUI, Noriyuki  
Mitsubishi Electric Co.

MCC: ISHII, Yoshikazu

remarks - general: RP-23: v1.0.0 expected RP-24, RP-24: approved, but some reservations over conclusions.  
remarks - this release:

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 Existence deduced from report of RP-23 08.12 (R1-040657); appears as R1-040657
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

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

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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 25.901 Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects

WG (prime) / R3 / -

G: yes U: yes

rapporteur: HALL, Edward

MCC: CALDENHOVEN, Juergen

VODAFONE LTD

remarks - general: WI UID 23011. See also 44.901.

remarks - this release:

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) / R2 / -

G: U: yes

rapporteur: BARRETO Luis

MCC: ARZELIER, Claude

NOKIA Corporation

remarks - general:

remarks - this release:

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

## TR 25.922 Radio resource management strategies

WG (prime) / 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-23	2004-03-24	6	0	0
RP-23	2004-04-14	6	0	1

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Corrects typo on front cover.

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

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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 25.931 UTRAN Functions, examples on signalling procedures

WG (prime) / R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this release:

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

## TR 25.942 Radio Frequency (RF) system scenarios

WG (prime) / 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-18 2003-01-10 6 . 0 . 0 [get it](#)  
RP-21 2003-10-10 6 . 1 . 0 [get it](#)  
RP-23 2004-04-01 6 . 2 . 0 [get it](#)  
RP-24 2004-06-24 6 . 3 . 0 [get it](#)

## TR 25.951 Base Station (BS) classification (FDD)

WG (prime) / R4 / - rapporteur: SfYNf-JfKANGAS, NOKIA Corporation  
G: U: yes Tuomo  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release: RP-19: from Rel-5.

remarks - general:

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

RP-19 2003-03-24 2 . 0 . 0 RP-030155  
RP-19 2003-04-04 6 . 0 . 0 [get it](#)  
RP-20 2003-06-27 6 . 1 . 0 [get it](#)  
RP-21 2003-10-10 6 . 2 . 0 [get it](#)

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



# 3GPP specification status

## TR 25.992 Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U: yes

RP / GP rapporteur: PIRSKANEN, Juho NOKIA Corporation

MCC: GUTIERREZ MIGUELEZ, Cesar

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	2003-01-20	1	.	2	.	0	Exploder list. Still not seen by RAN.
RP-19	2003-03-24	1	.	3	.	0	RP-030016
RP-20	2003-06-02	2	.	0	.	0	RP-030310 - not approved
pre-RP-21	2003-08-19	2	.	0	.	1	cleaned up draft from MCC
RP-21	2003-09-29	2	.	0	.	2	RP-030426
RP-21	2003-10-02	6	.	0	.	0	

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

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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 25.993

Rel-6

**Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)**

current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R2 /  
rapporteur: FAUCONNIER, Denis  
MCC: ARZELIER, Claude  
NORTEL NETWORKS (EUROPE)

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>

## TR 25.996

Rel-6

**Spacial channel model for Multiple Input Multiple Output (MIMO) simulations**

current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R1 /  
rapporteur: HUANG, Howard  
MCC: ISHII, Yoshikazu  
Lucent Technologies

remarks - this release:

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

RP-19	2003-03-24	1 . 0 . 0	RP-030181	<a href="#">get it</a>
RP-20	2003-06-17	2 . 0 . 0	RP-030311	<a href="#">get it</a>
RP-20	2003-07-03	6 . 0 . 0		<a href="#">get it</a>
RP-21	2003-09-29	6 . 1 . 0		<a href="#">get it</a>

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

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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)

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 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: Transfer>TSG#4

WG (prime / S4 / - rapporteur: EKUDDEN, Erik

G: yes U: yes USAI, Paolino

Telefon AB LM Ericsson

remarks - this release:

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

SP-19 2003-04-04 6 . 0 . 0

[get it](#)

## TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / S4 / - rapporteur: HAGQVIST, Jari

G: U: yes USAI, Paolino

NOKIA Corporation

remarks - this release:

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

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

[get it](#)

## TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / S4 / - rapporteur: NAVARRO, William

G: yes U: yes USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - this release:

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

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

[get it](#)

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

# 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 26.103 Speech codec list for GSM and UMTS

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: New after TSG#5

WG (prime /  
G: yes U: yes

S4 / -

rappporteur:

HELLWIG, Karl  
USAI, Paolino

Telefon AB LM Ericsson

MCC:

remarks - this  
release:

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

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

[get it](#)

## 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:

remarks - general:

WG (prime /  
G: yes U: yes

S4 / -

rappporteur:

USAI, Paolino  
USAI, Paolino

TELECOM ITALIA S.p.A.

MCC:

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

[get it](#)

[get it](#)

## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: CR at TSG#5

WG (prime /  
G: yes U: yes

S4 / -

rappporteur:

ARONSON, Barry  
USAI, Paolino

TOSHIBA CO

MCC:

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 access; U = required in systems with UMTS

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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 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

S4 / -

rappporteur: GOETZ, Ian  
USAI, Paolino

TELLABS OPERATIONS INC.

remarks - this  
release:

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

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

[get it](#)

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## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

S4 / -

rappporteur: GOETZ, Ian  
USAI, Paolino

TELLABS OPERATIONS INC.

remarks - this  
release:

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

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

[get it](#)

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## TS 26.140 Multimedia Messaging Service (MMS); Media formats and codes

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

S4 / T2

rappporteur: CASTAGNO, Roberto  
USAI, Paolino

NOKIA Corporation

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 access; U = required in systems with UMTS

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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 26.177 Speech Enabled Services (SES); DSR extended advanced front-end test sequences

Rel-6 WG (prime) / S4 / rapporteur: PEARCE, David  
G: U: yes USAI, Paolino  
MCC: MOTOROLA Ltd  
freeze\_meeting: .  
remarks - general: remarks - this release:

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

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## TS 26.233 End-to-end transparent streaming service; General description

Rel-6 WG (prime) / S4 / - rapporteur: HONKO, Harri  
G: U: yes USAI, Paolino  
MCC: NOKIA Corporation  
freeze\_meeting: .  
remarks - general: remarks - this release:

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

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

---

## TS 26.234 Transparent end-to-end streaming service; Protocols and codecs

Rel-6 WG (prime) / S4 / - rapporteur: FRANCESCHI, Olle  
G: U: yes USAI, Paolino  
MCC: Nippon Ericsson K.K.  
freeze\_meeting: .  
remarks - general: 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 [get it](#)  
SP-25 2004-09-30 6 . 1 . 0 [get it](#)

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

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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 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

S4 / - 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

[get it](#)

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## TS 26.236 Packet switched conversational multimedia applications; Transport protocols

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

S4 / - 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

[get it](#)

## TS 26.243 ANSI C code for the fixed-point distributed speech recognition extended advanced front-end

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: W1 UID = 34700

WG (prime /  
G: yes U: yes

S4 / rapporteur: PEARCE, David  
MCC: USAI, Paolino

MOTOROLA Ltd

remarks - this  
release:

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

SP-23 2004-03-22 1 . 0 . 0 SP-040064 (no C code included)

SP-24 2004-06-14 2 . 0 . 0 SP-040343

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

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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 26.244 Transparent end-to-end streaming service; 3GPP file format (3GP)

WG (prime/

G: U: yes

rappporteur: FRANCESCHI, Olie  
MCC: USAI, Paolino  
Nippon Ericsson K.K.

S4 / -

remarks - this  
release:

remarks - general:

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

draft	2003-04-04	0	.	1	.	3	
draft		0	.	2	.	5	
SP-22	2004-01-05	1	.	0	.	0	SP-030672
SP-23	2004-03-22	2	.	0	.	0	SP-040065
SP-23	2004-04-01	6	.	0	.	0	
SP-25	2004-09-30	6	.	1	.	0	

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## TS 26.245 Transparent end-to-end Packet switched Streaming Service (PS); Timed text format

WG (prime/

G: U: yes

rappporteur: FRANCESCHI, Olie  
MCC: USAI, Paolino  
Nippon Ericsson K.K.

S4 / -

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	

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



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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 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile

Rel-6 WG (prime) / S4 / - GRASSEL, Guido NOKIA Corporation  
freeze\_meeting: U: yes MCC: USAI, Paolino

remarks - general: Created S4-25bis. See S4-030135. remarks - this release:

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

draft	2003-04-03	0	0	1	<a href="#">get it</a>
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	

## TS 26.273 Fixed-point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec

Rel-6 WG (prime) / S4 / - VAINIO, Janne NOKIA Corporation  
freeze\_meeting: U: yes MCC: USAI, Paolino

remarks - general: DRAFT remarks - this release:

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

draft		0	5	0	<a href="#">get it</a>
draft	2004-06-14	0	5	3	<a href="#">get it</a>
draft	2004-06-17	0	5	4	<a href="#">get it</a>
SP-24	2004-06-14	1	0	0	SP-040425

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

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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 / S4 / - rapporteur: VAINIO, Janne  
G: U: yes MCC: USAI, Paolino  
NOKIA Corporation

freeze\_meeting:

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	

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## TS 26.304

Rel-6

Floating--point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec

WG (prime / S4 / - rapporteur: VAINIO, Janne  
G: U: yes MCC: USAI, Paolino  
NOKIA Corporation

freeze\_meeting:

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	2004-06-17	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	

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

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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 26.346 Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs

Rel-6 WG (prime / DRAFT U: yes  
freeze\_meeting: 1.5.0 G: U: yes

S4 / S2, S3 rapporteur: CURCIO, Igor NOKIA Corporation

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.  
release:

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

S4-28	0	0	0	
draft	0	0	1	
draft	0	0	2	
S4-31	0	0	3	
S4-31	0	0	4	
S4-32	0	0	5	<a href="#">get it</a>
draft	0	1	0	<a href="#">get it</a>
				does not show spec number or version on cover
SP-25	1	0	0	<a href="#">get it</a>
draft	1	0	1	
draft	1	0	2	
S4-33	1	0	3	
S4-33	1	0	4	
S4-33	1	1	0	
S4-33	1	5	0	<a href="#">get it</a>

## TS 26.401 General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description

Rel-6 WG (prime / S4 / - rapporteur: KUNZ, Oliver Coding Technologies GmbH  
freeze\_meeting: 6.0.0 G: U: yes MCC: USAI, Paolino

remarks - general: U: yes  
release: remarks - this release:

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

S4-31	0	0	1	<a href="#">get it</a>
SP-24	1	0	0	<a href="#">get it</a>
SP-25	2	0	0	<a href="#">get it</a>
SP-25	6	0	0	<a href="#">get it</a>

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

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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 26.402 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

G: U: yes

WG (prime) / S4 / -  
rapporporteur: KUNZ, Oliver  
USAI, Paolino

Coding Technologies GmbH

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-25	2004-09-20	2	0	0
SP-25	2004-09-30	6	0	0

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[get it](#)  
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## TS 26.403 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

G: U: yes

WG (prime) / S4 / -  
rapporporteur: KUNZ, Oliver  
USAI, Paolino

Coding Technologies GmbH

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-25	2004-09-20	2	0	0
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

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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 26.404 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime/

S4 / -

rapporporteur: KUNZ, Oliver

Coding Technologies GmbH

USAI, Paolino

MCC:

U: yes

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-040431
SP-25	2004-09-20	2	0	0	SP-040636
SP-25	2004-09-30	6	0	0	

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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 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime/

S4 / -

rapporporteur: KUNZ, Oliver

Coding Technologies GmbH

USAI, Paolino

MCC:

U: yes

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	2004-09-20	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; Compliance testing

Rel-6 current version: none

freeze\_meeting:

remarks - general:

WG (prime/

S4 / -

rapporporteur: KUNZ, Oliver

Coding Technologies GmbH

USAI, Paolino

MCC:

U: yes

remarks - this release:

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

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

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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: 6.0.0  
freeze\_meeting: S4 / -  
WG (prime / rapporteur: KUNZ, Oliver  
G: USAI, Paolino  
U: yes  
MCC:  
remarks - general: remarks - this release:

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

draft	2004-06-14	0	.	0	.	1
draft	2004-06-14	0	.	0	.	2
SP-24	2004-06-24	1	.	0	.	0
SP-25		2	.	0	.	0
SP-25	2004-09-30	6	.	0	.	0

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[get it](#)

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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  
freeze\_meeting: S4 / -  
WG (prime / rapporteur: KUNZ, Oliver  
G: USAI, Paolino  
U: yes  
MCC:  
remarks - general: remarks - this release:

Coding Technologies GmbH

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

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**TS 26.412** General audio codec audio processing functions; Enhanced aacPlus general audio codec; Source code for 3GP file format  
Rel-6 current version: none  
freeze\_meeting: S4 / -  
WG (prime / rapporteur: SINGER, David  
G: USAI, Paolino  
U: yes  
MCC:  
remarks - general: 2004-11-26: Rapporteur proposes to have this spec. remarks - this release:

Apple Computer Inc

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

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

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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 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

Rel-6  
WG (prime) / S4 / -  
G: yes U: yes  
freeze\_meeting: HAAVISTO, Petri  
Nokia Research Center  
MCC: USAI, Paolino  
remarks - general: 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) / S4 / -  
G: U: yes  
freeze\_meeting: BERTENYI, Balazs  
NOKIA Corporation  
MCC: USAI, Paolino  
remarks - general: 2004-01-05: Drafted by Dynasat (Alan Sharpley & Ira Panzer) under  
3GPP Guest status. To be approved at S4-30.  
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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[get it](#)  
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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  
WG (prime) / S4 / -  
G: U: yes  
freeze\_meeting: VARSA, Viktor  
Nokia Telecommunications Inc.  
MCC: USAI, Paolino  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-04-01 6 . 0 . 0

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

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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 26.943 Recognition performance evaluations of codecs for Speech Enabled Services (SES)

Rel-6 WG (prime) / S4 / rapporteur: PEARCE, David / MOTOROLA Ltd  
G: yes U: yes MCC: USAI, Paolino  
freeze\_meeting: none  
remarks - general: U: yes  
remarks - this release: .

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

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## TR 26.946 Multimedia Broadcast/Multicast Service (MBMS) user service guidelines

Rel-6 DRAFT WG (prime) / S4 / - rapporteur: LOHMAR, Thorsten / Nippon Ericsson K.K.  
G: U: yes MCC: USAI, Paolino  
freeze\_meeting: .  
remarks - general: U: yes  
remarks - this release: .

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

draft 2004-09-20 0 . 0 . 2 [get it](#)

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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



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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 27.007 AT command set for User Equipment (UE)

Rel-6 current version: 6.6.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U: yes

T2 / - rapporteur: VOTE, Nicola

MCC: RODERMUND, Friedhelm

remarks - this  
release:

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

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## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: GPRS

WG (prime /  
G: yes U: yes

N3 / - rapporteur: HAN, Seung Don

MCC: HAN, Seung Don

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)

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

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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

Rel-6 WG (prime / S4 / - rapporteur: SUERBAUM, Clemens SIEMENS AG  
freeze\_meeting: 6.0.0 G: yes U: yes MCC: USAI, Paolino  
remarks - general: Transfer>TSG#4  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-30 6 . 0 . 0

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## 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: 6.7.0 WG (prime / N4 / - rapporteur: WIEHE, Ulrich Gesellschaft f. r Kommunikations Software  
freeze\_meeting: 6.7.0 G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-18 2003-01-09 6 . 0 . 0  
NP-19 2003-04-04 6 . 1 . 0  
NP-20 2003-07-08 6 . 2 . 0  
NP-21 2003-10-09 6 . 3 . 0  
NP-22 2004-01-13 6 . 4 . 0  
NP-23 2004-03-23 6 . 5 . 0  
NP-24 2004-06-17 6 . 6 . 0  
NP-25 2004-09-28 6 . 7 . 0

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

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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 29.010** Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System (BSS - MCS) and Base Station System (MS - BSS) and Base Station System (BSS - MCS)  
Rel-6 current version: Signalling Procedures and the Mobile Application Part (MAP) 6.4.0WG (prime) / N4 / -  
TeliaSonera AB KYMALAINEN, Kimmo

reporteur: KYMALAINEN, Kimmo

freeze\_meeting:  
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

**TS 29.018** General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

Rel-6 current version: 6.1.0  
WG (prime) / N1 / -  
reporteur: DAWES, Peter VODAFONE LTD  
G: yes U: yes  
MCC: JURISIC, Andrijana

remarks - general:  
freeze\_meeting:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-24 2004-06-21 6 . 0 . 0  
NP-25 2004-09-27 6 . 1 . 0

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

# 3GPP specification status

## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

Rel-6 current version: 6.6.0

freeze\_meeting:

remarks - general:

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera.AB

G: yes U: yes MCC: KYMALAINEN, Kimmo

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

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## TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".

Telefon AB LM Ericsson

N3 / - rapporteur: HUSLENDE, Ragnar  
HAN, Seung Don  
MCC: HAN, Seung Don

remarks - this release:

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

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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 29.078 Rel-6

**customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
WG (prime) / N4 / -  
G: yes U: yes  
freeze\_meeting: NOLDUS Rogier Telefon AB LM Ericsson  
KYMALAINEN, Kimmo  
remarks - general: NP-24: txferred to N4 on closure of N2.  
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

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## TS 29.108 Rel-6

**Application of the Radio Access Network Application Part (RANAP) on the E-interface**  
WG (prime) / R3 / -  
G: U: yes  
freeze\_meeting: VESELY, Alexander SIEMENS AG  
CALDENHOVEN, Juergen  
remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)  
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

Technically identical to v5.3.0. Created as by product of update of M.1457 (even though this spec is not cited)

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

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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: 6.0.0 rapporteur: LAITINEN, Lauri NOKIA Corporation

freeze\_meeting:

G: yes U: yes

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	2003-10	
N4-21	0	1	0		
N4-22	2004-04-01	0	2	0	<a href="#">get it</a>
N4-23	0	3	0		<a href="#">get it</a>
NP-24	2004-06-14	1	0	0	NP-040231
N4-24	0	1	1	0	
NP-25	2004-09-20	2	0	0	NP-040410
NP-25	2004-09-30	6	0	0	

## TS 29.140 Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3

Rel-6 current version: 1.0.0 DRAFT rapporteur: HABERMANN, Steffen T-Mobile International AG

freeze\_meeting:

G: U: yes

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

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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

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 14013.

WG (prime/ N3 / rapporteur: RfSfNEN, Juha

G: U: yes MCC: HAN, Seung Don

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

[get it](#)

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N3-32 2004-05-18 0 . 2 . 0 History box not updated since v0.0.1

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NP-25 2004-09-20 2 . 0 . 1 NP-040344

NP-25 2004-09-28 6 . 0 . 0

## TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-6 current version: 1.1.1

freeze\_meeting:

remarks - general:

DRAFT

WG (prime/ N3 / rapporteur: HOLLAND, Nigel

G: yes U: yes MCC: HAN, Seung Don

remarks - this release: Work item moved to Rel-6.

mm02 plc

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

N3-33 1 . 1 . 0

NP-25 2004-09-20 1 . 1 . 1 NP-040345

[get it](#)

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

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TS 29.163  
Rel-6

Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

WG (prime) / N3 /

SIEMENS AG

rapporteur: BELLING, Thomas  
HAN, Seung Don

freeze\_meeting:

G: yes U: yes

remarks - this release:

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; 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-030326
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>



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## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime) / N5 /

G: U: yes

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

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>

## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime) / N5 /

G: U: yes

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

ALCATEL S.A.

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>

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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: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime / N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

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>

## TS 29.198-04-1 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime / N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - this release:

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

NP-20	2003-06-27	6 . 0 . 0	
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>

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

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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 29.198-04-2 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime / N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

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>

## TS 29.198-04-3 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime / N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

remarks - this release:

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

NP-20	2003-06-27	6 . 0 . 0	
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>

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

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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 29.198-04-4 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: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime/ N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

remarks - this release:

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

NP-20 2003-06-27 6 . 0 . 0

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](#)

## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime/ N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

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](#)

J2EE code supplied

NP-24 2004-09-01 6 . 1 . 0 [get it](#)

Late availability due to need for proprietary technology not available to MCC.

NP-25 2004-10-21 6 . 2 . 0 [get it](#)

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

# 3GPP specification status

## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

N5 /  
U: yes  
remarks - this  
release:

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

NP-20 2003-06-27 6 . 0 . 0

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](#)

## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

N5 /  
U: yes  
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](#)

J2EE code supplied

NP-24 2004-09-01 6 . 1 . 0 [get it](#)

Late availability due to need for proprietary technology not available to MCC.

NP-25 2004-10-21 6 . 2 . 0 [get it](#)

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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 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

ALCATEL S.A.

ABARCA, Chelo

ZOICAS, Adrian

rapporporteur:

MCC:

N5 /

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>

## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

ALCATEL S.A.

ABARCA, Chelo

ZOICAS, Adrian

rapporporteur:

MCC:

N5 /

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>

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

# 3GPP specification status

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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

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime/ N5 /  
G: U: yes  
rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
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>

## TS 29.198-13 Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime/ N5 /  
G: U: yes  
rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
remarks - this  
release:

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

NP-20	2003-06-27	6 . 0 . 0	
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>

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

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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 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime / N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - this release:

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

NP-22	2004-02-12	6	.	0	.	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	.	0	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	.	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	.	0	<a href="#">get it</a>

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## 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: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / N5 / rapporteur: ABARCA, Chelo

G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - this release:

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

NP-25	2004-09-20	1	.	0	.	0	.	0	NP-040359 <a href="#">get it</a>
NP-25	2004-10-21	6	.	0	.	0	.	0	<a href="#">get it</a>

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



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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:

WG (prime) /  
G: U: yes

N5 / - 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".

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:

WG (prime) /  
G: U: yes

N5 / - 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	

[get it](#)  
[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:

WG (prime) /  
G: U: yes

N5 / - 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
MP-25	2004-09-20	2	0	0	NP-040360
MP-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

# 3GPP specification status

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## TS 29.199-04 Open Service Access (OSA); Parlay X web services; Part 4: Short messaging

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

N5 / - rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

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](#)

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## TS 29.199-05 Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

N5 / - rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

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](#)

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## TS 29.199-06 Open Service Access (OSA); Parlay X web services; Part 6: Payment

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

N5 / - rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

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](#)

# 3GPP specification status

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## TS 29.199-07 Open Service Access (OSA); Parlay X web services; Part 7: Account management

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

N5 / - rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

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](#)

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## TS 29.199-08 Open Service Access (OSA); Parlay X web services; Part 8: User status

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

N5 / - rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

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](#)

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## TS 29.199-09 Open Service Access (OSA); Parlay X web services; Part 9: Terminal location

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

N5 / - rapporteur: BAKKER, John-Luc  
MCC: ZOICAS, Adrian  
Telcordia Technologies, Inc.

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](#)

# 3GPP specification status

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## TS 29.199-10 Open Service Access (OSA); Parlay X web services; Part 10: Call handling

Rel-6  
WG (prime) /

G: U: yes

N5 / -

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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[get it](#)

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## TS 29.199-11 Open Service Access (OSA); Parlay X web services; Part 11: Audio call

Rel-6  
WG (prime) /

G: U: yes

N5 / -

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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[get it](#)

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## TS 29.199-12 Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference

Rel-6  
WG (prime) /

G: U: yes

N5 / -

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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[get it](#)

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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:

remarks - general:

G: U: yes

N5 / -

rapporteur: 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: 6.0.0

freeze\_meeting:

remarks - general:

G: U: yes

N5 / -

rapporteur: 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

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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:

remarks - general: Work item description in N4-021258.

N4 / -

rapporteur: JANSOON, Jari

MCC: KYMALAINEN, Kimmo

NOKIA Corporation

remarks - this release:

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

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



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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 29.209 Policy control over Gq interface

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime) / N3 / - rapporteur: SILLANPFF, Anna

G: U: yes HAN, Seung Don

MCC: NOKIA Corporation

remarks - this release:

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	

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[get it](#)

## TS 29.210 Charging rule provisioning over Gx interface

Rel-6

current version: 1.1.0

freeze\_meeting:

remarks - general: WI URL = 35017

WG (prime) / N3 / - rapporteur: RfSfNEN, Juha

G: U: yes HAN, Seung Don

MCC: 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

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

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ACTIVE specs Rel-6  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.211 Rx interface for Flow Based Charging (FBC)

Rel-6 DRAFT

current version: 1.0.0

freeze\_meeting:

WG (prime /  
G: U: yes

rappporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

N3 /  
remarks - this  
release:

remarks - general:

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

draft 2004-11-26 1 . 0 . 0 N3-040879

[get it](#)

## TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-6

current version: 6.4.0

freeze\_meeting:

WG (prime /  
G: yes U: yes

rappporteur: PALLARES L" PEZ,  
Miguel Angel

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

N4 /  
remarks - this  
release:

remarks - general: Additional rappporteur: Miguel-Angel Pallares-Lopez

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

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[get it](#)

## TS 29.229 Cx and Dx interfaces based on the Diameter protocol; Protocol details

Rel-6

current version: 6.2.0

freeze\_meeting:

WG (prime /  
G: yes U: yes

rappporteur: PALLARES L" PEZ,  
Miguel Angel

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

N4 / -  
remarks - this  
release:

remarks - general: 2nd rappporteur: CZOMA, Balazs.

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

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

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



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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: 6.1.0

freeze\_meeting:

remarks - general: WI UID = 14014

WG (prime / N4 / rapporteur: TAMMI, Kalle  
G:yes U: yes U: yes) KYMALAINEN, Kimmo

NOKIA Corporation

MCC:

remarks - this release:

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

draft	0	0	0	0	0
NP2-22b	0	1	0		
draft	0	2	0		
draft	0	3	0		
draft	0	4	0		
NP-24	2004-06-14	1	0	0	NP-040232
NP-24	2004-06-14	2	0	0	NP-040289
NP-24	2004-06-15	6	0	0	
NP-25	2004-09-30	6	1	0	

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

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

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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: 6.0.0

freeze\_meeting:

WG (prime / U: yes  
G: U: yes

N4 / N2 rapporteur: SITOH, Paul NOKIA Corporation

MCC: KYMALAINEN, Kimmo

remarks - general: Work Item = "WLAN interworking n stage 3 definition of WLAN n 3GPP interworking", see N4-030221 (nE N4-030157). NP-24: Secretary reports correct WI is NP-040224.

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>

## TS 29.240 Generic User Profile (GUP); Stage 3; Network

Rel-6 current version: 0.3.0

freeze\_meeting:

WG (prime / U: yes  
G: U: yes

N4 / rapporteur: KAUNTOLO, Seppo Nokia Networks Oyj  
MCC: KYMALAINEN, Kimmo

remarks - general: Cf work item 'Generic user profile' - may be renumbered to 27.241

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>

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

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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 29.328 IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents

Rel-6 WG (prime) / N4 / - rapporteur: BERRY, Nigel, H Lucent Technologies Network Systems UK

freeze\_meeting: G: yes U: yes 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](#)

---

## TS 29.329 Sh interface based on the Diameter protocol

Rel-6 WG (prime) / N4 / - rapporteur: BERRY, Nigel, H Lucent Technologies Network Systems UK

freeze\_meeting: G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

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](#)

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

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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) / N4 / -

freeze\_meeting: U: yes

rapporteur: SCHMITT, Peter

MCC: KYMALAINEN, Kimmo

SIEMENS AG

remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.  
remarks - this release: Anticipated change control at NP-22.

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

draft	0	.	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			

## TS 29.333

Rel-6

## Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3

WG (prime) / N4 /

G: U: yes

VODAFONE Group Plc

rapporteur: SANDERS, David

MCC: KYMALAINEN, Kimmo

remarks - general: freeze\_meeting: none  
remarks - this release: NP-25: may be delayed to Rel-7.

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

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

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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) /  
freeze\_meeting: 6.0.0 G: yes U: yes

N1 / rapporteur: HERRERO, Christian Telefon AB LM Ericsson

JURISIC, Andrijana

MCC:

remarks - general: remarks - this release:

history (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	<a href="#">get it</a>
post N1-32	2003-11-14	0	3	1	<a href="#">get it</a>
NP-22	2004-01-05	1	0	0	NP-030489
N1-32b	2004-08-30	1	1	0	<a href="#">get it</a>
N1-33	2004-03-01	1	2	0	<a href="#">get it</a>
N1-33b	2004-04-27	1	3	0	<a href="#">get it</a>
past N1-33b	2004-04-28	1	3	1	<a href="#">get it</a>
N1-34	2004-05-28	1	4	0	<a href="#">get it</a>
N1-34b	2004-06-29	1	5	0	<a href="#">get it</a>
post N1-35	2004-08-30	1	6	0	<a href="#">get it</a>
post N1-35	2004-09-03	2	0	0	<a href="#">get it</a>
NP-25		2	0	1	NP-040368
NP-25	2004-09-27	6	0	0	<a href="#">get it</a>

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

# 3GPP specification status

## TR 29.847 Rel-6

Confencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details

current version: 6.0.0

freeze\_meeting:

WG (prime / N1 / -

rporteur: MAYER, Georg

MCC: JURISIC, Andrijana

G: NOKIA Corporation

U: yes

remarks - general: freeze\_meeting: remarks - this release:

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

draft	0	0	0	0
N1-29	2003-05-06	0	1	0
N1-30	2003-06-02	0	2	0
N1-31	2003-09-01	0	3	0
NP-21	2003-09-11	1	0	0
NP-31	2004-01-03	1	1	0
N1-32b	2004-02-02	1	2	0
N1-33	2004-02-23	1	3	0
N1-33b	2004-04-05	1	4	0
N1.34	2004-05-18	2	0	0
NP-24	2004-05-25	2	0	1
NP-24	2004-06-14	6	0	0

post N1.34 editos -> NP-040194

## TR 29.962 Rel-6

Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage

current version: 6.1.0

freeze\_meeting:

WG (prime / N3 / -

rporteur: BELLING, Thomas

MCC: HAN, Seung Don

G: SIEMENS AG

U: yes

remarks - general: freeze\_meeting: remarks - this release:

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

NP-18	2003-01-06	1	0	0
NP-19	2003-03-06	1	1	0
N3-29		1	2	0
NP-20	2003-06-17	2	0	0
NP-20	2003-06-23	6	0	0
NP-21	2003-10-01	6	1	0

NP-020610  
NP-030073. Will be reviewed N1-28, N3-27.

NP-030197 -> NP-030293

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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 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

Rel-6 *current version:* 6.0.0 *freeze\_meeting:* N1 / RP *rappporteur:* ANDERSEN, Niels Peter Skov / JURISIC, Andrijana MOTOROLA A/S

G: yes U: yes

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document

*remarks - this release:*

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

SP-25 2004-09-28 6 . 0 . 0 [get it](#)

---

## 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

Rel-6 *current version:* 6.0.3

*freeze\_meeting:*

G: U: yes

*remarks - general:* Evidence for existance unearthed in N5-020143.

N5 / - *rappporteur:* ABARCA, Chelo / ZOICAS, Adrian

*MCC:*

*remarks - this release:*

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

NP-22 2004-01-15 6 . 0 . 0 [get it](#)

edito post NP-23 2004-03-29 6 . 0 . 1 updates IETF references [get it](#)

edito 2004-04-27 6 . 0 . 2 Updated reference to use RFC number. [get it](#)

edito post NP-24 2004-06-24 6 . 0 . 3 RFC no. [get it](#)

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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)

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

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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)

## TR 30.531 Work Plan and Study Items - RAN WG3

Rel-6 current version: 0.11.0 DRAFT

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R3 / -

rapporteur: KRAUSE Joern SIEMENS AG  
MCC: CALDENHOVEN, Juergen

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

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

## 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: 6.3.0

freeze\_meeting:

remarks - general: Contents is a reference to ETSI TR 102 221.

WG (prime /  
G: U: yes

T3 / SCP

rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
MCC: RODERMUND, Friedhelm

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

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

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



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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 31.102 Characteristics of the USIM application

Rel-6 current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime / U: yes

T3 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.  
MCC: RODERMUND, Friedhelm

remarks - this release:

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

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## TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-6 current version: 6.5.0

freeze\_meeting:

remarks - general: 2004-05-07:additional rapporteur: Peter Vestergaard.

WG (prime / U: yes

T3 / rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
MCC: RODERMUND, Friedhelm

remarks - this release:

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

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

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

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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 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-6  
current version: 6.3.0

freeze\_meeting:

WG (prime /  
G: yes U: yes

rapporteur: DUBOIS, Christophe  
MCC: Axalto S.A.  
RODERMUND, Friedhelm

T3 / -

remarks - this  
release:

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

TP-22 2004-01-12 6 . 0 . 0 [get it](#)

TP-23 2004-03-25 6 . 1 . 0 [get it](#)

TP-24 2004-06-15 6 . 2 . 0 [get it](#)

TP-25 2004-10-08 6 . 3 . 0 One CR unimplementable. Checking  
with rapporteur.

## TS 31.113 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes

Rel-6  
current version: 6.2.0

freeze\_meeting:

WG (prime /

rapporteur: N, A

Indicate persons who left Company and wait for new  
One

G: U: yes

MCC: RODERMUND, Friedhelm

remarks - this  
release:

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

TP-16 2002-06-19 6 . 0 . 0 [get it](#)

TP-17 2002-09-25 6 . 1 . 0 [get it](#)

TP-19 2003-03-26 6 . 2 . 0 [get it](#)

## TS 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration

Rel-6  
current version: none

freeze\_meeting:

WG (prime /

rapporteur: MEYER, Michael  
MCC: GIESECKE & DEVRIENT GmbH  
RODERMUND, Friedhelm

G: U: yes

remarks - this  
release: TP-15: Enhancements to Rel-5 envisaged.

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

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

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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 Rel-6

### Secured packet structure for (Universal) Subscriber Identity Module (USIM) Toolkit applications

WG (prime) / T3 / -

G: U: yes

rapporteur: MARTIN, Florence  
RODERMUND, Friedhelm  
Axalto S.A.

MCC:

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	

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

## TS 31.116 Rel-6

### Remote APDU Structure for (Universal) Subscriber Identity Module (USIM) Toolkit applications

WG (prime) / T3 / -

G: yes U: yes

rapporteur: MARTIN, Florence  
RODERMUND, Friedhelm  
Axalto S.A.

MCC:

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	

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[get it](#)

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

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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) / T3 / -  
freeze\_meeting: none  
G: U: yes  
remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, O ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.  
rapporteur: LAFFONT, Eric GEMPLUS S.A.  
MCC: RODERMUND, Friedhelm  
remarks - this release: To contain contents for all prior Releases.

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

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## TS 31.130 (USIM) Application Programming Interface API; (USIM) API for Java Card(TM)

Rel-6 WG (prime) / T3 / -  
freeze\_meeting: 6.0.1  
G: yes U: yes  
remarks - general: TP-20 Target for approval: TP-21.  
rapporteur: JOLIVET, Paul DoCoMo Europe S.A.  
MCC: RODERMUND, Friedhelm

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](#)

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## TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((USIM) API

Rel-6 WG (prime) / T3 /  
freeze\_meeting: 6.1.0  
G: U: yes  
remarks - general: Test spec is 34.131.  
rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
MCC: RODERMUND, Friedhelm

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](#)

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

# 3GPP specification status

## TS 31.213 Test Specification for (U)SIM API for Java(TM) Card

Rel-6  
current version: none  
freeze\_meeting:  
remarks - general: W1 in TP-040032 at TP-23.

WG (prime / T3 / -  
G: U: yes  
rapporteur: BEGASSAT, Axalto S.A.  
MCC: RODERMUND, Friedhelm  
remarks - this TP-25: estimate change control at TP-27.  
release:

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

## TR 31.919 2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking

Rel-6  
current version: 6.0.0  
freeze\_meeting:  
remarks - general: W1 UID = 43005.

WG (prime / T3 / -  
G: yes U: yes  
rapporteur: ANDRAU, Stéphane OBERTHUR CARD SYSTEMS S.A.  
MCC: RODERMUND, Friedhelm  
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
draft		1	1
T3-28		1	1
draft		1	1
draft		1	2
draft		1	2
draft		1	3
draft		1	3
TP-23	2004-03-22	1	3
TP-23	2004-03-25	6	0

ex T3-30 -> TP-040031

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Rel-6 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

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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 32.101 Telecommunication management; Principles and high level requirements

WG (prime /

G: U: yes

S5 / - rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - this release:

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

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

[get it](#)

---

## TS 32.102 Telecommunication management; Architecture

WG (prime /

G: U: yes

S5 / - rapporteur: BERGGREN, Tommy

MCC: ZOICAS, Adrian

TeliaSonera AB

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

WG (prime /

G: yes U: yes

S5 / - rapporteur: SCHMIDT, Joerg

MCC: ZOICAS, Adrian

MOTOROLA A/S

remarks - this release:

remarks - general: TSG#8: split into 4 parts

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

SP-22 2004-01-13 6 . 0 . 0

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

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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 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / -

MOTOROLA A/S

rappporteur: SCHMIDT, Joerg

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

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[get it](#)

[get it](#)

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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

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: TSG#8: split into 4 parts

Ericsson Incorporated

rappporteur: TSE, Edwin

MCC: ZOICAS, Adrian

remarks - this release:

WG (prime / S5 / -

Ericsson Incorporated

rappporteur: TSE, Edwin

MCC: ZOICAS, Adrian

remarks - this release:

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

SP-22 2004-01-05 6 . 0 . 0

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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

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general: TSG#8: split into 4 parts

SIEMENS AG

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

remarks - this release:

WG (prime / S5 / -

SIEMENS AG

rappporteur: POLLAKOWSKI, Olaf

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 2004-03-24 6 . 1 . 0

SP-25 2004-09-23 6 . 2 . 0

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

# 3GPP specification status

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## TS 32.111-5 Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions

Rel-6 DRAFT S5 / - rapporteur: SCHMIDT, Joerg MOTOROLA AIS

freeze\_meeting: G: yes U: yes

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

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[get it](#)

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## TS 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-6 S5 / - rapporteur: ISLIP, John Lucent Technologies Network Systems UK

freeze\_meeting: G: yes U: yes

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 SP-020012 (originally Rel-5)  
SP-18 2003-01-06 1 . 1 . 1 SP-020728  
SP-19 2 . 0 . 0 SP-030041  
SP-19 2003-03-31 6 . 0 . 0  
SP-21 2003-10-02 6 . 1 . 0  
SP-23 2004-03-23 6 . 2 . 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 32.141 Telecommunication management; Subscription Management (SuM) architecture

Rel-6 WG (prime) /

freeze\_meeting: G: yes U: yes

remarks - general: 2004-03-29: S5 Project Manager: "services operations management" removed from title.

S5 / - rapporteur: ABA, Istvan

MCC: ZOICAS, Adrian

T-Mobile AUSTRIA GmbH

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

SP-19	2003-03-27	1	0	0	SP-030042	<a href="#">get it</a>
SP-21	2003-09-29	2	0	0	SP-030405	<a href="#">get it</a>
SP-21	2003-10-03	6	0	0		<a href="#">get it</a>
SP-23	2004-03-23	6	1	0		<a href="#">get it</a>

## TS 32.150 Telecommunication management; Integration Reference Point (IRP) Concept and definitions

Rel-6 WG (prime) /

freeze\_meeting: G: yes U: yes

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".

S5 / T2 rapporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

MOTOROLA Ltd

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

S5-35b	2003-10-08	0	0	1	S5-032639	<a href="#">get it</a>
SP-22	2004-01-05	1	0	0	SP-030613	<a href="#">get it</a>
SP-23	2004-03-22	2	0	0	SP-040113	<a href="#">get it</a>
SP-23	2004-03-22	6	0	0		<a href="#">get it</a>
SP-25	2004-09-23	6	1	0		<a href="#">get it</a>

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

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**TS 32.151** **Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template**  
Rel-6 *WG (prime) / S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson*  
*G: yes U: yes MCC: ZOICAS, Adrian*  
*freeze\_meeting:*  
*remarks - general:* *remarks - this release:*

*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

**TS 32.152** **Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire**  
Rel-6 *WG (prime) / S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG*  
*G: yes U: yes MCC: ZOICAS, Adrian*  
*freeze\_meeting:*  
*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

**TS 32.171** **Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements**  
Rel-6 *WG (prime) / S5 / - rapporteur: WIKBERG, Ove Telefon AB LM Ericsson*  
*G: yes U: yes MCC: ZOICAS, Adrian*  
*freeze\_meeting:*  
*remarks - general:* 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)". *remarks - this release:*

*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

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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 32.172 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 2.6.2 DRAFT rapporteur: WIKBERG, Ove

freeze\_meeting: 2004-09-29: S5 Project Manager: "service operations management" in remarks - this release: S5 / - MCC: ZOICAS, Adrian

WG (prime / S5 / -) G: yes U: yes

remarks - general: 2004-09-29: S5 Project Manager: "service operations management" in title changed to "telecommunication management".

### 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	<a href="#">get it</a>
draft	2004-08-03	1	2	2	<a href="#">get it</a>
SP-25	2004-09-20	2	0	0	<a href="#">get it</a>
S5-40	2004-11-26	2	2	0	<a href="#">get it</a>
S5-40	2004-12-02	2	3	0	<a href="#">get it</a>
S5-40	2004-12-02	2	4	0	<a href="#">get it</a>
S5-40	2004-12-02	2	5	1	<a href="#">get it</a>
SP-26	2004-12-03	2	6	0	<a href="#">get it</a>
draft		2	6	1	<a href="#">get it</a>
draft	2004-12-03	2	6	2	<a href="#">get it</a>

SP-25 2004-09-20 2 0 0 SP-040546, not approved

## 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 / S5 / ) rapporteur:ABA, Istvan T-Mobile AUSTRIA GmbH

WG (prime / S5 / ) G: U: yes MCC: ZOICAS, Adrian

remarks - general: freeze\_meeting: remarks - this release:

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

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

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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 32.175 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML)

Rel-6 current version: none

freeze\_meeting:

remarks - general:

WG (prime/

G: U: yes

S5 /

rapporporteur: ABA, Istvan

MCC: ZOICAS, Adrian

remarks - this release:

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

## TS 32.240 Telecommunication management; Charging management; Charging architecture and principles

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime/

G: U: yes

S5 / -

rapporporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

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

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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

Rel-6 current version: 6.1.0

freeze\_meeting:

G: U: yes

WG (prime) / S5 / -

rapporporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

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

Rel-6 current version: 6.0.0

freeze\_meeting:

G: U: yes

WG (prime) / S5 / -

rapporporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

SP-21: WI = charging management for the bearer level

remarks - this release:

2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.

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	

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

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## TS 32.252 Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging

Rel-6 current version: 0.2.1

freeze\_meeting:

G: U: yes

WG (prime) / S5 /

rapporporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

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

draft		0	.	2	.	0	.	0	
draft	2004-06-22	0	.	2	.	1	.	0	S5-044256 - history box claims odd curious version numbers, not to be believed

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

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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 32.260 Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging

Rel-6 WG (prime) / S5 / - rapporteur: ALEXANDER, Benni NOKIA Corporation

G: U: yes

MCC:

ZOICAS, Adrian

freeze\_meeting:  
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	<a href="#">get it</a>
draft	0	3	0	
draft 2004-03-03	0	4	0	
SP-23	1	0	0	SP-040144
SP-23	1	0	0	
S5-37b	1	1	0	
S5-38	1	2	0	
S5-38b	1	3	0	
S5-39b	1	5	0	
draft 2004-11-26	1	8	0	
SP-26	2	0	0	

## TS 32.270 Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging

Rel-6 WG (prime) / S5 / - rapporteur: GOERMER, Gerald SIEMENS AG

G: U: yes

MCC:

ZOICAS, Adrian

freeze\_meeting:  
remarks - general:  
remarks - this release:

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

SP-21	2003-09-29	1	0	0	SP-030412
SP-25	2004-09-20	2	0	0	SP-040555
SP-25	2004-09-23	6	0	0	

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

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## TS 32.271 Telecommunication management; Charging management; Location Services (LCS) charging

Rel-6 WG (prime) / S5 / -

G: U: yes

rappporteur: BIBAS, Alain

MCC: ZOICAS, Adrian

ORANGE SA

freeze\_meeting: 2.0.0  
remarks - general: U: yes  
remarks - this release:

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

SP-21	2003-09-29	1	0	0	0	SP-030411
draft		1	1	0		
draft		1	1	1		
draft		1	3	0		
draft		1	4	0		
S5-39	2004-09-23	1	5	0		
S5-39b	2004-11-05	1	6	0		
draft	2004-11-26	1	8	0		
SP-26	2004-11-29	2	0	0		

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## TS 32.272 Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging

Rel-6 WG (prime) / S5 / -

G: U: yes

rappporteur: GOERMER, Gerald

MCC: ZOICAS, Adrian

SIEMENS AG

freeze\_meeting: 0.2.0  
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.
draft		0	1	0		
S5-39b	2004-11-05	0	2	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 32.273** **Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging**  
Rel-6  
current version: none  
freeze\_meeting:  
remarks - general: W1 to be approved SP-26, code MBMS-CH. Meanwhile, allocate to SuM.  
WG (prime): S5 /  
G: U: yes  
rapporteur: NEAL, Adrian  
MCC: ZOICAS, Adrian  
VODAFONE LTD

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

**TS 32.295** **Telecommunication management; Charging management; Charging Data Record (CDR) transfer**  
Rel-6  
current version: 6.0.0  
freeze\_meeting:  
remarks - general:  
WG (prime): S5 / -  
G: yes U: yes  
rapporteur: GOERMER, Gerald  
MCC: ZOICAS, Adrian  
SIEMENS AG

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



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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 32.296  
Rel-6

Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces  
current version: 2.0.0  
freeze\_meeting:  
remarks - general: WID = CH (SP-030047)

WG (prime / S5 / rapporteur: BROWN, Yishai  
MCC: ZOICAS, Adrian  
G: yes U: yes  
remarks - this  
release: Original target for approval = SP-21.

Amdocs Software Systems Limited

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

draft	0	0	2			
S5-35b	2003-10-22	0	1	0		<a href="#">get it</a>
S5-36		0	3	0		
draft		0	4	0		
S5-36b	2004-01-26	0	5	0	S5-044040	<a href="#">get it</a>
SP-23	2004-03-22	1	0	0	SP-040141	<a href="#">get it</a>
S5-25	2004-08-30	1	8	0	S5-044572 Rev S5-044571	<a href="#">get it</a>
SP-25	2004-09-20	1	8	1	SP-040551	<a href="#">get it</a>
S5-39b	2004-11-05	1	10	0	S5-044654	<a href="#">get it</a>
draft	2004-11-26	1	12	0	change history shows version 6.0.0	<a href="#">get it</a>
SP-26	2004-11-29	2	0	0		<a href="#">get it</a>

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

# 3GPP specification status

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## TS 32.297 Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer

Rel-6 current version: 6.0.0 WG (prime) / S5 / - rapporteur: GOERMER, Gerald SIEMENS AG

freeze\_meeting: U: yes G: U: yes MCC: ZOICAS, Adrian

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 SP-030273 [get it](#)  
draft 1 . 0 . 1  
draft 1 . 1 . 0  
draft 1 . 2 . 0  
S2-36b 2004-01-26 1 . 2 . 1 [get it](#)  
draft 1 . 3 . 0  
draft 2004-03-03 1 . 4 . 0 S5-044147 [get it](#)  
draft 2004-03-05 1 . 4 . 1 [get it](#)  
SP-23 2004-03-22 2 . 0 . 0 SP-040142 [get it](#)  
SP-23 2004-03-22 6 . 0 . 0 [get it](#)

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## TS 32.298 Telecommunication management; Charging management; Charging Data Record (CDR) parameter description

Rel-6 current version: 1.0.0 WG (prime) / S5 / - rapporteur: GOERMER, Gerald SIEMENS AG

freeze\_meeting: U: yes MCC: ZOICAS, Adrian

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-21 2003-09-29 1 . 0 . 0 SP-030413 [get it](#)

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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

Rel-6 WG (prime) / S5 / - rapporteur: ALEXANDER, Benni NOKIA Corporation

freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian

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	.	0
SP-23	2004-03-22	1	.	0	.	0
SP-25	2004-09-20	2	.	0	.	0
SP-25	2004-09-23	6	.	0	.	0

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

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## TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Requirements

Rel-6 WG (prime) / S5 / - rapporteur: SCHMIDT, Joerg MOTOROLA AIS

freeze\_meeting: G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: was 32.301-1  
remarks - this release:

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

SP-23	2004-03-24	6	.	0	.	0
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## TS 32.302 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Information Service (IS)

Rel-6 WG (prime) / S5 / - rapporteur: TSE, Edwin Ericsson Incorporated

freeze\_meeting: G: yes U: yes MCC: 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
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.303** Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)  
Rel-6 current version: Solution Set (SS) WG (prime) / S5 /  
SIEMENS AG POLLAKOWSKI, Olaf  
-rapporteur:

freeze\_meeting: was 32.301-3  
remarks - general:

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

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[get it](#)

**TS 32.304** Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

Rel-6 current version: 6.0.0  
freeze\_meeting:

WG (prime) / S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: was 32.301-4

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-24 6 . 0 . 0

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**TS 32.311** Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-6 current version: 6.0.0  
freeze\_meeting:

WG (prime) / S5 / rapporteur: TSE, Edwin Ericsson Incorporated  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: was 32.112-1

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

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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 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)

Rel-6 current version: 6.0.0 rapporteur: TSE, Edwin Ericsson Incorporated  
freeze\_meeting: freeze\_meeting: U: yes MCC: ZOICAS, Adrian  
remarks - general: was 32.112-2  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0 [get it](#)

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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: 1.0.0 rapporteur: TSE, Edwin Ericsson Incorporated  
freeze\_meeting: freeze\_meeting: 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 2004-11-29 1 . 0 . 0 [get it](#)

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## TS 32.314 Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMP) Solution Set (SS)

Rel-6 current version: 1.0.0 rapporteur: SUERBAUM, Clemens SIEMENS AG  
freeze\_meeting: freeze\_meeting: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 2004-11-29 1 . 0 . 0 [get it](#)

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

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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 32.321

Rel-6

**Telecommunication management; Test management Integration Reference Point (IRP): Requirements**

current version: 6.0.0

freeze\_meeting:

G: yes U: yes

S5 / -

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

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

SP-23 2004-03-24 6 . 0 . 0

[get it](#)

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## TS 32.322

Rel-6

**Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)**

current version: 6.0.0

freeze\_meeting:

G: yes U: yes

S5 / -

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

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

SP-25 2004-09-29 6 . 0 . 0

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## TS 32.323

Rel-6

**Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

current version: 6.0.0

freeze\_meeting:

G: yes U: yes

S5 / -

rappporteur: TSE, Edwin

MCC: ZOICAS, Adrian

Ericsson Incorporated

remarks - general:

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

# 3GPP specification status

## TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / S5 / -

G: yes U: yes

remarks - this

release:

rappporteur: POLLAKOWSKI, Olat

MCC: SIEMENS AG

ZOICAS, Adrian

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

SP-25 2004-09-29 6 . 0 . 0

[get it](#)

## TS 32.331 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Requirements

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / S5 / -

G: yes U: yes

remarks - this

release:

rappporteur: SCHMIDT, Joerg

MCC: ZOICAS, Adrian

MOTOROLA A/S

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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## TS 32.332 Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 2.0.0

freeze\_meeting:

remarks - general:

WG (prime / S5 / -

G: yes U: yes

remarks - this

release:

rappporteur: SCHMIDT, Joerg

MCC: ZOICAS, Adrian

MOTOROLA A/S

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

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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 32.333 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6  
WG (prime) / S5 / rapporteur: TSE, Edwin  
Ericsson Incorporated

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - general:  
freeze\_meeting:  
current version: none  
remarks - this release:

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

---

## TS 32.334 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6  
WG (prime) / S5 / rapporteur: SUERBAUM, Clemens  
SIEMENS AG

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - general:  
freeze\_meeting:  
current version: 1.0.0  
remarks - this release:

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

draft 2004-11-26 0 . 0 . 2  
SP-26 2004-11-29 1 . 0 . 0

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## TS 32.335 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions

Rel-6  
WG (prime) / S5 / rapporteur: RAYMER, David  
Motorola Inc.

G: U: yes

MCC: ZOICAS, Adrian

remarks - general:  
freeze\_meeting:  
current version: 1.0.0  
remarks - this release:

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

SP-25 2004-09-20 1 . 0 . 0 SP-040564

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



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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 32.341 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements

Rel-6  
WG (prime) / S5 / rapporteur: SCHMIDT, Joerg  
G: yes U: yes MCC: ZOICAS, Adrian  
MOTOROLA A/S  
freeze\_meeting:  
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 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)

Rel-6  
WG (prime) / S5 / rapporteur: RUJ, Lanlan  
G: yes U: yes MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)  
freeze\_meeting:  
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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## TS 32.343 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6  
WG (prime) / S5 / rapporteur: RUJ, Lanlan  
G: yes U: yes MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)  
freeze\_meeting:  
remarks - general: remarks - this release:

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

SP-23	2004-03-22	1	.	0	.	0	SP-040127
SP-25	2004-09-20	2	.	0	.	0	SP-040563
SP-25	2004-09-28	6	.	0	.	0	

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

# 3GPP specification status

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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: 1.0.0

DRAFT

freeze\_meeting: G: yes U: yes

remarks - general:

WG (prime / S5 / rapporteur: SUERBAUM, Clemens SIEMENS AG

G: yes 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

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## TS 32.351 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements

Rel-6 current version: 6.0.0

DRAFT

freeze\_meeting: G: yes U: yes

remarks - general: W1 = OAM-NIM (UID 35014)

WG (prime / S5 / rapporteur: LI, Yewen

G: yes U: yes

MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

remarks - this release:

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

SP-22 2004-01-05 1 . 0 . 0 SP-030632

SP-23 2004-03-22 2 . 0 . 0 SP-040125

SP-23 2004-03-22 6 . 0 . 0

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## TS 32.352 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 6.0.0

DRAFT

freeze\_meeting: G: yes U: yes

remarks - general: W1 = OAM-NIM (UID 35014)

WG (prime / S5 / rapporteur: LI, Yewen

G: yes U: yes

MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

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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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 32.353

Rel-6

**Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set**

current version: 6.0.0

freeze\_meeting:

remarks - general: WI = OAM-NIM (UID 35014)

WG (prime): S5 /

G: yes U: yes

rapporporteur: LI, Yewen

MCC: ZOICAS, Adrian

China Mobile Communications Corporation (CMCC)

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

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## TS 32.354

Rel-6

**Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**

current version: 1.0.0

freeze\_meeting:

remarks - general: WI = OAM-NIM (UID 35014)

DRAFT

WG (prime): S5 /

G: yes U: yes

rapporporteur: SUERBAUM, Clemens

MCC: ZOICAS, Adrian

SIEMENS AG

remarks - this release:

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

draft 0 . 0 . 1

SP-26 2004-11-30 1 . 0 . 0

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## TS 32.361

Rel-6

**Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements**

current version: 6.0.0

freeze\_meeting:

remarks - general: WI = OAM-NIM (UID 35014)

WG (prime): S5 /

G: yes U: yes

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-030423

SP-22 2004-01-05 2 . 0 . 0 SP-030634

SP-22 2004-01-05 6 . 0 . 0

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

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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 32.362** **Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)**  
Rel-6  
current version: 6.2.0  
freeze\_meeting:  
remarks - general: WI = OAM-NIM (UID 35014)

WG (prime / S5 / rapporteur: Li, Yewen  
G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-21 2003-09-29 1 . 0 . 0 SP-030424 [get it](#)  
SP-22 2004-01-05 2 . 0 . 0 SP-030635 [get it](#)  
SP-22 2004-01-05 6 . 0 . 0 [get it](#)  
SP-23 2004-03-24 6 . 1 . 0 [get it](#)  
SP-24 2004-06-15 6 . 2 . 0 [get it](#)

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**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: 6.1.0  
freeze\_meeting:  
remarks - general: WI = OAM-NIM (UID 35014)

WG (prime / S5 / rapporteur: Li, Yewen  
G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-21 2003-09-29 1 . 0 . 0 SP-040425 [get it](#)  
SP-22 2004-01-05 2 . 0 . 0 SP-030636 [get it](#)  
SP-22 2004-01-05 6 . 0 . 0 [get it](#)  
SP-24 2004-06-15 6 . 1 . 0 [get it](#)

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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:  
remarks - general: WI = OAM-NIM (UID 35014)

WG (prime / S5 / rapporteur: Li, Yewen  
G: yes U: yes MCC: ZOICAS, Adrian  
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

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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 WG (prime) / S5 /

rapporporteur: YANG, Li

HuaWei Technologies Co., Ltd

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - general: W1 = 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	
SP-23	2004-03-22	1	.	0	.	0	SP-040126
SP-25	2004-09-20	2	.	0	.	0	SP-040565
SP-25	2004-09-23	6	.	0	.	0	

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## TS 32.372 Telecommunication management; Security Management Integration Reference Point (IRP): Information Service (IS)

Rel-6 WG (prime) / S5 /

rapporporteur: YANG, Li

HuaWei Technologies Co., Ltd

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - general: W1 = 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 WG (prime) / S5 /

rapporporteur: YANG, Li

HuaWei Technologies Co., Ltd

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - general: W1 = OAM-AR (UID 35011)

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

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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:  
remarks - general: WI = OAM-AR (UID 35011)  
WG (prime / 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: 6.3.0  
freeze\_meeting:  
remarks - general: was 32.104 (pars)  
WG (prime / S5 / -)  
G: yes U: yes  
rapporteur: H. BINETTE, Ulf  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson  
remarks - this release:

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

SP-21	2003-10-15	6	0	0	<a href="#">get it</a>
SP-22	2004-01-05	6	1	0	<a href="#">get it</a>
SP-24	2004-06-15	6	2	0	<a href="#">get it</a>
SP-25	2004-09-28	6	3	0	<a href="#">get it</a>

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

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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 32.403

Rel-6

**Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM**

WG (prime) / S5 / -

rapporporteur: TOCHE, Christian

NORTEL NETWORKS (EUROPE)

freeze\_meeting:

G: yes U: yes

remarks - this release:

remarks - general: was 32.104 (pars)

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

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## TS 32.411

Rel-6

**Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements**

WG (prime) / S5 / -

rapporporteur: H< BINETTE, Ulf

Telefon AB LM Ericsson

freeze\_meeting:

G: yes U: yes

remarks - this release:

remarks - general:

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

SP-17	2002-09-16	1	.	0	.	0	SP-020500
SP-20	2003-06-17	2	.	0	.	0	SP-030294
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

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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  
WG (prime): S5 / -  
G: yes U: yes  
rapporteur: RUJ, Lanlan  
MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

remarks - general:  
freeze\_meeting:  
current version: 6.2.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-20 2003-06-17 1 . 0 . 0 SP-030295 [get it](#)  
S5-34b 2003-07-29 1 . 1 . 0 [get it](#)  
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

## TS 32.413 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set

Rel-6  
WG (prime): S5 / -  
G: yes U: yes  
rapporteur: RUJ, Lanlan  
MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)

remarks - general:  
freeze\_meeting:  
current version: 6.2.0  
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

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



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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 DRAFT  
current version: 1.0.0  
freeze\_meeting: U: yes  
WG (prime / 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	2004-11-26	0	1	0	0
SP-26	2004-11-30	1	0	0	0

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## TS 32.421 Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements

Rel-6 current version: 6.4.0  
freeze\_meeting: U: yes  
WG (prime / S5 / - rapporteur: KORINEK, Frank MOTOROLA JAPAN LTD  
G: U: yes MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release:

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

SP-16	2002-06-17	1	0	0	0	SP-020330
SP-18	2003-01-06	2	0	0	0	SP-020755
SP-18	2003-01-06	6	0	0	0	
SP-19	2003-03-31	6	1	0	0	
SP-22	2004-01-05	6	2	0	0	
SP-23	2004-03-23	6	3	0	0	
SP-25	2004-09-24	6	4	0	0	

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

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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

Rel-6 **Telecommunication management; Subscriber and equipment trace; Trace control and Configuration Management (CM)**  
current version: 6.0.0  
freeze\_meeting:  
remarks - general:  
WG (prime) / S5 / -  
G: U: yes  
rapporteur: RAO, Mohan  
MCC: ZOICAS, Adrian  
Lucent Technologies Network Systems UK  
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	

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

## TS 32.423

Rel-6 **Telecommunication management; Subscriber and equipment trace; Trace data definition and management**  
current version: 2.0.0  
freeze\_meeting:  
remarks - general:  
WG (prime) / S5 / -  
G: U: yes  
rapporteur: TOCHE, Christian  
MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
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	

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

## TS 32.423

Rel-6 **Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Information Service (IS)**  
current version: 2.0.0  
freeze\_meeting:  
remarks - general:  
WG (prime) / S5 / -  
G: U: yes  
rapporteur: RAO, Mohan  
MCC: ZOICAS, Adrian  
Lucent Technologies Network Systems UK  
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	

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

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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 32.435 Rel-6

**Telecommunications management; Performance measurement: eXtensible Markup Language (XML) file format definition**  
WG (prime) / S5 / - rapporteur: TOCHE, Christian  
G: U: yes MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)

remarks - general:

freeze\_meeting:  
current version: 2.0.0  
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

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[get it](#)

## TS 32.436 Rel-6

**Telecommunications management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition**  
WG (prime) / S5 / - rapporteur: TOCHE, Christian  
G: U: yes MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)

remarks - general:

freeze\_meeting:  
current version: 2.0.0  
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

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

## TS 32.600 Rel-6

**Telecommunication management; Configuration Management (CM); Concept and high-level requirements**  
WG (prime) / S5 / - rapporteur: TOVINGER, Thomas  
G: yes U: yes MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - general: Replaces 32.106 (pars).

freeze\_meeting:  
current version: 6.0.0  
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

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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 32.601** **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements**  
Rel-6 *current version:* 6.0.0 *WG (prime/* S5 / - *rappporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-23 2004-03-23 6 . 0 . 0

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**TS 32.602** **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (SS)**  
Rel-6 *current version:* 6.0.0 *WG (prime/* S5 / - *rappporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* 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

[get it](#)

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**TS 32.603** **Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)**  
Rel-6 *current version:* 6.1.0 *WG (prime/* S5 / - *rappporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* 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

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

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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 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP)

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: was 32.601-4

WG (prime / S5 / -

G: yes U: yes

remarks - this  
release:

rappporteur: POLLAKOWSKI, Olaf

MCC: SIEMENS AG

ZOICAS, Adrian

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

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

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## TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general: was 32.602-1

WG (prime / S5 /

G: yes U: yes

remarks - this  
release:

rappporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

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

SP-23 2004-03-24 6 . 0 . 0

SP-25 2004-09-24 6 . 1 . 0

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## TS 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: was 32.602-2

WG (prime / S5 /

G: yes U: yes

remarks - this  
release:

rappporteur: PIET, Trevor

MCC: ZOICAS, Adrian

MOTOROLA Ltd

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

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

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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 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)

Rel-6  
WG (prime) / S5 / rapporteur: PIRT, Trevor  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting:  
remarks - general: was 32.602-3  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-24 6 . 0 . 0

[get it](#)

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## TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)

Rel-6  
WG (prime) / S5 / rapporteur: POLLAKOWSKI, Olaf  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting:  
remarks - general: was 32.602-4  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-24 6 . 0 . 0

[get it](#)

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## TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-6  
WG (prime) / S5 / rapporteur: TOCHE, Christian  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting:  
remarks - general: was 32.602-5  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-29 6 . 0 . 0 XML schema available 2004-11-02

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

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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 32.621** Rel-6 **Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements**  
WG (prime) / S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: .  
remarks - general: was 32.620-1  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-29 6 . 0 . 0

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**TS 32.622** Rel-6 **Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Network Resource Model (NRM)**  
WG (prime) / S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: .  
remarks - general: was 32.620-2  
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

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**TS 32.623** Rel-6 **Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
WG (prime) / S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: .  
remarks - general: was 32.620-3  
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

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

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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 32.624** Telecommunication management; Configuration Management (CM); Generic network resources; Integration Reference Point (IRP); Common Management Information System (SIEMENS AG)  
Rel-6 current version: Protocol (CMIP) Solution Set (SS) 6.0.0 / WG (prime) / S5 / -rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting: was 32.620-4  
remarks - general:

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-24 2004-06-15 6 . 0 . 0

[get it](#)

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**TS 32.625** Telecommunication management; Configuration Management (CM); Generic network resources; Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (EUROPE)  
Rel-6 current version: (XML) file format definition 6.2.0 / WG (prime) / S5 / -rapporteur: TOCHE, Christian NORTEL NETWORKS

freeze\_meeting:  
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  
SP-23 2004-03-24 6 . 1 . 0  
SP-24 2004-06-17 6 . 2 . 0

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**TS 32.631** Telecommunication management; Configuration Management (CM); Core network resources; Integration Reference Point (IRP); Requirements (EUROPE)  
Rel-6 current version: 6.0.0 / WG (prime) / S5 / -rapporteur: PIET, Trevor MOTOROLA Ltd

freeze\_meeting: was 32.621-1  
remarks - general:

G: 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



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## TS 32.632 Telecommunication management; Configuration Management (CM); Core 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:

G: yes U: yes

MCC:

ZOICAS, Adrian

remarks - general: was 32.621-2

remarks - this release:

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

SP-25 2004-09-29 6 . 0 . 0

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## TS 32.633 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker

Rel-6 current version: Architecture (CORBA) Solution Set (SS) 6.0.0 WG (prime / S5 / -rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND

freeze\_meeting:

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

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## 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) 6.0.0 WG (prime / S5 / -rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

freeze\_meeting:

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

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

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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 32.635** **Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language**  
Rel-6 **WG (prime) / S5 /** **TOCHE, Christian NORTEL**  
NETWORKS (EUROPE)

*freeze\_meeting:*

*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](#)

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**TS 32.641** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements**  
Rel-6 **WG (prime) / S5 / -** **rapporteur: PIRT, Trevor MOTOROLA Ltd**  
**G: U: yes** **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 **WG (prime) / S5 / -** **rapporteur: PETERSEN, Robert Ericsson AB**  
**G: U: yes** **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 delivery. [get it](#)

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

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**TS 32.643** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker**  
Rel-6 *current version: Architecture (CORBA) Solution Set (SS)* 6.2.0 / WG (prime) / S5 / PIRT, Trevor / MCC: ZOICAS, Adrian / Motorola Ltd

freeze\_meeting:  
remarks - general: was 32.622-3

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-24 6 . 0 . 0  
SP-24 2004-06-17 6 . 1 . 0  
SP-25 2004-09-29 6 . 2 . 0

**TS 32.645** **Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM extensible Markup Language**  
Rel-6 *current version: (XML) file format definition* 6.1.0 / WG (prime) / S5 / rapporteur:TOCHE, Christian / NORTEL NETWORKS (EUROPE)

freeze\_meeting:  
remarks - general:

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

**TS 32.651** **Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements**  
Rel-6 *current version: 6.0.0* / WG (prime) / S5 / - / rapporteur: PIRT, Trevor / MCC: ZOICAS, Adrian / Motorola Ltd  
freeze\_meeting:  
remarks - general: was 32.623-1

history (event, available, version, comments, hyperlink):  
SP-25 2004-09-29 6 . 0 . 0

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

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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 32.652 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:

remarks - general: was 32.623-2

WG (prime /

G: yes U:

S5 / -

rapporporteur: PETERSEN, Robert

MCC: ZOICAS, Adrian

Ericsson AB

remarks - this release:

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

SP-25 2004-09-28 6 . 0 . 0

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## TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker

Rel-6 current version: Architecture (CORBA) Solution Set (SS) 6.0.0

freeze\_meeting:

remarks - general: was 32.623-3

WG (prime / S5 /

G: yes U:

MCC: ZOICAS, Adrian

-rapporporteur: PIRT, Trevor

MOTOROLA Ltd

remarks - this release:

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

SP-25 2004-09-29 6 . 0 . 0

[get it](#)

---

## TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information

Rel-6 current version: Protocol (CMIP) Solution Set (SS) 6.0.0

SIEMENS AG

freeze\_meeting:

remarks - general: was 32.623-4

WG (prime / S5 /

G: yes U:

MCC: ZOICAS, Adrian

-rapporporteur: POLLAKOWSKI, Olaf

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

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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**  
Rel-6  
(EUROPE)  
current version: (XML) file format definition  
WG (prime) / S5 /  
MCC: ZOICAS, Adrian  
rappporteur: TOCHE, Christian NORTEL NETWORKS

freeze\_meeting:

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](#)

**TS 32.661** **Telecommunication management; Configuration Management (CM); Kernel CM; Requirements**

Rel-6  
current version: 6.1.0

freeze\_meeting:

remarks - general:

G: yes U: yes

rappporteur: TOVINGER, Thomas

MCC: ZOICAS, Adrian

remarks - this  
release:

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

SP-19 2003-04-01 6 . 0 . 0

SP-24 2004-06-15 6 . 1 . 0

[get it](#)

[get it](#)

**TS 32.662** **Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)**

Rel-6  
current version: 6.3.0

freeze\_meeting:

remarks - general:

G: yes U: yes

rappporteur: TOVINGER, Thomas

MCC: ZOICAS, Adrian

remarks - this  
release:

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

SP-19 2003-04-01 6 . 0 . 0

SP-22 2004-01-13 6 . 1 . 0

SP-23 2004-03-24 6 . 2 . 0

SP-24 2004-06-15 6 . 3 . 0

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[get it](#)

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[get it](#)

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

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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 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)

Rel-6 current version: 6.2.0

freeze\_meeting:

G: yes U: yes

rapporporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - general:  
freeze\_meeting: release: remarks - this

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

[get it](#)

[get it](#)

[get it](#)

---

## TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

Rel-6 current version: 6.2.0

freeze\_meeting:

G: yes U: yes

rapporporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

remarks - general:  
freeze\_meeting: release: remarks - this

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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[get it](#)

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## TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Requirements

Rel-6 current version: 6.0.0

freeze\_meeting:

G: yes U: yes

rapporporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

remarks - general:  
freeze\_meeting: release: remarks - this

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

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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 current version: 6.0.0  
freeze\_meeting: POLAKOWSKI, Olaf SIEMENS AG  
remarks - general: U: yes  
MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-23 2004-03-23 6 . 0 . 0

[get it](#)

---

**TS 32.673** **Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Object Request Broker Architecture**  
Rel-6 current version: (CORBA) Solution Set (SS) 6.1.0 WG (prime) / S5 / -rapporteur: PIRT, Trevor MOTOROLA Ltd  
freeze\_meeting: MCC: ZOICAS, Adrian  
remarks - general: G: yes U: yes  
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

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

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**TS 32.674** **Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Management Information Protocol**  
Rel-6 current version: (CMIP) Solution Set (SS) 6.0.0 WG (prime) / S5 / -rapporteur: POLAKOWSKI, Olaf SIEMENS AG  
freeze\_meeting: MCC: ZOICAS, Adrian  
remarks - general: G: yes U: yes  
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

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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**  
Rel-6  
current version: format definition 1.0.0  
WG (prime) / S5 / MCC: ZOICAS, Adrian  
DRAFT  
rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting:

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

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[get it](#)

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**TS 32.681** **Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements**

Rel-6  
current version: 1.0.0  
WG (prime) / S5 / -  
DRAFT  
rapporteur: PAL, Tapinder  
ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND

freeze\_meeting:

remarks - general:

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this  
release:

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

SP-21 2003-09-29 1 . 0 . 0 SP-030426

[get it](#)

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**TS 32.682** **Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**

Rel-6  
current version: none  
WG (prime) / S5 / -  
DRAFT  
rapporteur: PAL, Tapinder  
ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND

freeze\_meeting:

remarks - general:

G: yes 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



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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 T-MOBILE DEUTSCHLAND

WG (prime) / S5 / -  
G: yes U: yes

reporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

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

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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-6 T-MOBILE DEUTSCHLAND

WG (prime) / S5 / -  
G: yes U: yes

reporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

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

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## TS 32.690 Telecommunication management; Inventory Management (IM): Requirements

Rel-6 DRAFT

WG (prime) / S5 / -  
G: yes U: yes

reporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

remarks - this release:

remarks - general:

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

draft 2004-11-26 0 . 1 . 0  
SP-26 2004-11-29 1 . 0 . 0

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

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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 T-MOBILE DEUTSCHLAND

WG (prime / S5 / rapporteur: PAL, Tapinder

G: yes U: yes MCC: ZOICAS, Adrian

freeze\_meeting:

remarks - general:   
remarks - this release:

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

SP-24 2004-06-15 6 . 0 . 0 = v5.0.0

[get it](#)

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## TS 32.695 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Bulk Configuration Management (CM) eXtensible

Rel-6 DRAFT WG (prime / S5 / rapporteur: TOVINGER, Thomas

AB LM Ericsson

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

freeze\_meeting:

remarks - general:

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

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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 T-MOBILE DEUTSCHLAND

WG (prime / S5 / - rapporteur: PAL, Tapinder

G: U: yes MCC: ZOICAS, Adrian

freeze\_meeting:

remarks - general: W1 = OAM-NIM (UID 35014)   
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.712 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: WI = OAM-NIM (UID 35014)

WG (prime / S5 / -

G: U: yes

rappporteur: PAL, Tapinder

MCC: ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

release:

remarks - this

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

SP-21 2003-09-29 1 . 0 . 0 SP-030429 [get it](#)

SP-25 2004-09-20 2 . 0 . 0 SP-040597 [get it](#)

SP-25 2004-09-24 6 . 0 . 0 [get it](#)

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## TS 32.713 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common

Rel-6 current version: Object Request Broker Architecture (CORBA) Solution Set (SS) 6.0.0WG (prime / S5 / - rappporteur: PAL, Tapinder

T-MOBILE DEUTSCHLAND

freeze\_meeting:

remarks - general: WI = OAM-NIM (UID 35014)

G: U: yes

MCC: ZOICAS, Adrian

remarks - this

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

SP-25 2004-09-20 1 . 0 . 0 SP-040598 [get it](#)

SP-25 2004-09-28 6 . 0 . 0 [get it](#)

---

## 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) 1.0.0DRAFT WG (prime / S5 / - rappporteur: POLLAKOWSKI, Olaf

SIEMENS AG

freeze\_meeting:

remarks - general: WI = OAM-NIM (UID 35014)

G: U: yes

MCC: ZOICAS, Adrian

remarks - this

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

draft 2004-11-26 0 . 1 . 0 [get it](#)

SP-26 2004-11-29 1 . 0 . 0 [get it](#)

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

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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 32.715 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 / S5 / -) PAL, Tapinder

T-MOBILE DEUTSCHLAND

freeze\_meeting:

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-040599

SP-25 2004-09-28 6 . 0 . 0 XML schema available 2004-11-02

[get it](#)

[get it](#)

## TS 32.741 Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference

Rel-6 current version: Point (IRP): Requirements 6.0.0 WG (prime / S5 / -) LI, YewenChina Mobile

Communications Corporation (CMCC)

freeze\_meeting:

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-040262

SP-25 2004-09-20 2 . 0 . 0 SP-040600

SP-25 2004-09-24 6 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

## TS 32.742 Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference

Rel-6 current version: Point (IRP): Information Service (IS) 6.0.0 WG (prime / S5 / -) RUJ, Lanlan China Mobile

Communications Corporation (CMCC)

freeze\_meeting:

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

# 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-6 32 .- series

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## TS 32.743 Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference

Rel-6 current version: Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) WG (prime) / S5 / -

rapporporteur: RUI, Lanlan China Mobile Communications Corporation (CMCC)

freeze\_meeting:

remarks - general:

G: U: yes

MCC: ZOICAS, Adrian

remarks - this release:

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](#)

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## TS 32.744 Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference

Rel-6 current version: Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS) WG (prime) / S5 / -

rapporporteur: RUI, Lanlan China Mobile Communications Corporation (CMCC)

freeze\_meeting:

remarks - general:

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

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## TS 32.745 Telecommunication management; Configuration Management (CM); Bulk CM eXtensible Markup Language (XML) file format definition

Rel-6 current version: Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition WG (prime) / S5 / -

rapporporteur: RUI, Lanlan China Mobile Communications Corporation (CMCC)

freeze\_meeting:

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

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

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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 32.803

Rel-6 **Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)**

current version: 6.0.0

freeze\_meeting:

WG (prime / S5 / )  
G: yes U: yes

rporteur: ISLIP, John  
MCC: ZOICAS, Adrian

Lucent Technologies Network Systems UK

remarks - general:

remarks - this release:

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

SP-23	2004-03-22	1	.	0	.	0	SP-040109
SP-25	2004-09-20	2	.	0	.	0	SP-040547
SP-25	2004-09-24	6	.	0	.	0	

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

## TR 32.804

Rel-6 **Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements**

current version: 6.0.0

freeze\_meeting:

WG (prime / S5 / )  
G: U: yes

rporteur: MUDGE, John  
MCC: ZOICAS, Adrian

VODAFONE Group Plc

remarks - general: WI UID = 35022 (under 23010)

remarks - this release:

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

SP-24	2004-06-14	1	.	0	.	0	SP-040264
SP-25	2004-09-20	2	.	0	.	0	SP-040603
SP-25	2004-09-24	6	.	0	.	0	

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

## TR 32.815

Rel-6 **Telecommunication management; Charging management; Online Charging System (OCS) architecture study**

current version: 6.0.0

freeze\_meeting:

WG (prime / S5 / - )  
G: U: yes

rporteur: GOERMER, Gerald  
MCC: ZOICAS, Adrian

SIEMENS AG

remarks - general:

remarks - this release:

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

SP-20	2003-06-17	1	.	0	.	0	SP-030274
SP-21	2003-09-29	2	.	0	.	0	SP-030409
SP-21	2003-09-30	6	.	0	.	0	SP-21 : S5 is asked to eliminate multiple options in B5.1.

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

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

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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)

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: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime / S3 / - rapporteur: BLOMMAERT, Marc Siemens nv/sa  
G: U: yes POPE, Maurice  
remarks - this  
release:

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

SP-21 2003-09-30 6 . 0 . 0  
SP-24 2004-06-15 6 . 1 . 0  
SP-25 2004-09-30 6 . 2 . 0

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

## TS 33.105 Cryptographic algorithm requirements

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime / S3 / - rapporteur: CHIKAZAWA, Takeshi Mitsubishi Electric Corporation  
G: U: yes POPE, Maurice  
remarks - this  
release:

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

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

[get it](#)

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

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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 33.106 Lawful interception requirements

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

S3 / -

rporteur: 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

[get it](#)

[get it](#)

## TS 33.107 3G security; Lawful interception architecture and functions

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

S3 / -

rporteur: 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

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



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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 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-6

WG (prime /  
G: U: yes

S3 / rapporteur: WILHELM, Berthold  
MCC: POPE, Maurice  
BUNDESMINISTERIUM FUR WIRTSCHAFT

freeze\_meeting:

current version: 6.7.0  
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>

## TS 33.141 Presence service; Security

Rel-6

WG (prime /  
G: U: yes

S3 / - rapporteur: BOMAN, Krister  
MCC: POPE, Maurice  
Telefon AB LM Ericsson

current version: 6.1.0

freeze\_meeting:

remarks - general:

remarks - this  
release:

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

S3-30	2003-10-13	0	.	1	.	0		<a href="#">get it</a>
draft		0	.	1	.	1	S3-020647	
post S3-31	2003-11-12	0	.	2	.	0		<a href="#">get it</a>
post S3-31	2003-12-04	0	.	3	.	1		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030719	
post S3-23	2004-02-18	1	.	1	.	0		<a href="#">get it</a>
SP-23	2004-03-22	1	.	1	.	1	SP-040163	
S3-33	2004-05-24	1	.	2	.	0		<a href="#">get it</a>
edito	2004-05-26	1	.	2	.	1		<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040367	
SP-24	2004-06-18	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	1	.	0		<a href="#">get it</a>

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

# 3GPP specification status

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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 33.203 3G security; Access security for IP-based services

Rel-6 current version: 6.4.0

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U: yes

S3 /

rapporteur: BOMAN, Krister

MCC:

POPE, Maurice  
remarks - this release:

Telefon AB LM Ericsson

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

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## TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

Rel-6 current version: 6.5.0

freeze\_meeting:

remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).

WG (prime /

G: yes U: yes

S3 / -

rapporteur: KOIEN, Geir

MCC:

POPE, Maurice  
remarks - this release:

Telenor AS

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

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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 33.220 Generic Authentication Architecture (GAA); Generic bootstrapping architecture

Rel-6 WG (prime/

G: U: yes

S3 / rapporteur: HAUUKA, Tao

MCC: POPE, Maurice

NOKIA Corporation

remarks - this  
release:

remarks - general: WI = SEC1-SC (UID 33002) Based on 33.109 b4.

### 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 SP-030583
S3-32	1	1	0	0 S3-040189
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-040164 -> SP-040175
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

# 3GPP specification status

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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 33.221 Generic Authentication Architecture (GAA); Support for subscriber certificates

Rel-6 WG (prime) / U: yes  
freeze\_meeting: G:  
remarks - general: WI = SEC1-SC (UID 33002) Based on 33.109 05 & annex A.

S3 / rapporteur: HAUUKA, Tao  
MCC: POPE, Maurice  
NOKIA Corporation

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	2004-01-05	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-25	2004-09-27	6	1	0

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## TS 33.222 Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTSPS)

Rel-6 WG (prime) / U: yes  
freeze\_meeting: G:  
remarks - general: WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.

S3 / rapporteur: SAHLIN, Bengt  
MCC: POPE, Maurice  
Telefon AB LM Ericsson

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	2004-05-24	1	0	0
S3-33	2004-05-26	1	1	1
edito	2004-06-14	2	0	0
SP-24	2004-06-23	6	0	0
SP-25	2004-09-28	6	1	0

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

# 3GPP specification status

## TS 33.234 3G security; Wireless Local Area Network (WLAN) interworking security

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

LOPEZ SORIA, Luis  
POPE, Maurice

Telefon AB LM Ericsson

S3 / -

rapporteur:  
MCC:

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	SP-030585
S3-32	2004-03-01	1	0	1	<a href="#">get it</a>
SP-23	2004-03-22	2	0	0	SP-040167
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	Sans CR015, which is in conflict with CR017.
					Implements CR015 after resolution with S3.

# 3GPP specification status

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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 33.246 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)

Rel-6 WG (prime /

freeze\_meeting:

remarks - general:

G: yes U: yes

S3 / - rapporteur: ESCOTT, Adrian

MCC: POPE, Maurice

Hutchison 3G UK Ltd (3)

remarks - this release: 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	
S3-25		0	0	2	
S3-26		0	0	3	
S3-27		0	1	0	
draft	2003-07-08	0	1	1	
S3-29	2003-09-02	0	2	0	
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	

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

# 3GPP specification status

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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)

Rel-6 current version: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /

G: U: yes

S3 / -

rapporteur: KOSKINEN, Tiina  
MCC: POPE, Maurice  
remarks - this release:

NOKIA Corporation

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

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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  
WG (prime / S3 / rapporteur: N, A) POPE, Maurice  
freeze\_meeting: 6.0.0  
Indicate persons who left Company and wait for new One

G: U: yes

remarks - this release:  
MCC: POPE, Maurice  
SP-17: expect v2.0.0 at SP-18.

remarks - general: 2002-07-22: was formerly 33.910.

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

draft	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	

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



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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

TR 33.817  
Rel-6

Feasibility study on (Universal) Subscriber Interface Module (USIM) security reuse by peripheral devices on local interfaces

current version: 6.0.0

freeze\_meeting:

WG (prime /

G: yes U: yes

S3 / -

rappporteur: YAQUB, Raziq

MCC: POPE, Maurice

Toshiba Corporation, Digital Media Network

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

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

# 3GPP specification status

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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 33.878** **Security aspects of early IMS** DRAFT  
Rel-6 current version: 0.0.3  
freeze\_meeting:  
remarks - general: SP-25: WI = SP-040691. VODAFONE Group Plc

WG (prime / S3 / - rapporteur: HOWARD, Peter  
G: U: yes POPE, Maurice  
MCC:  
remarks - this  
release: [get it](#)

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

## TR 33.919 Generic Authentication Architecture (GAA); System description

Rel-6 current version: 6.0.0  
freeze\_meeting:  
remarks - general: WI = SEC1-SC (UID 33002) ALCATEL BELL

WG (prime / S3 / rapporteur: VAN MOFFAERT,  
G: U: yes Annelies  
MCC: POPE, Maurice  
remarks - this  
release: [get it](#)

history (event, available, version, comments, hyperlink):  
S3-30 2003-10-20 0 . 0 . 1  
S3-30 2003-11-03 0 . 1 . 0  
S3-31 2003-11-27 0 . 2 . 0  
SP-22 2004-01-05 1 . 0 . 0 SP-030582  
S3-32 1 . 0 . 1  
S3-32 2004-02-20 1 . 2 . 0  
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  
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

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

# 3GPP specification status

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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 33.941 Presence service; Security

Rel-6 current version: 0.6.0

freeze\_meeting:

remarks - general:

DRAFT  
WG (prime / U: yes  
G: U: yes  
S3 / - remarks - this release:  
rapporteur: BOMAN, Krister  
MCC: POPE, Maurice  
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	

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[get it](#)

## 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 34.109

Rel-6 Terminal logical test interface; Special conformance testing functions

current version: none

freeze\_meeting:

remarks - general:

R2 / T1 remarks - this release:  
rapporteur: BERGGREN, Anders  
MCC: ARZELIER, Claude  
Ericsson Incorporated

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

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

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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 Test specification for C-language binding for (U)SIM API

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general: Base spec is 31.131.

WG (prime / T3 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: yes MCC: RODERMUND, Friedhelm

remarks - this release:

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

TP-13	2002-09-24	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	

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[get it](#)

## TS 34.171

Rel-6 Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)  
DRAFT

current version: 1.0.0

freeze\_meeting:

remarks - general:

WG (prime / T1 / rapporteur: CATMUR, Richard Spirent Communications  
G: U: yes MCC: SULTAN, Alain

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-040420
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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)

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

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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)

## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-6  
WG (prime): none  
G: yes U:

freeze\_meeting:

remarks - general:

SP /

rappporteur: MEREDITH, John M

MCC: ETSI Secretariat

POPE, Maurice

remarks - this  
release:

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

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

Rel-6  
WG (prime): none  
G: yes U:

freeze\_meeting:

remarks - general:

S1 / -

rappporteur: CLAYTON, Michael

MCC: EMCOM Ltd

CLAYTON, Michael

remarks - this  
release:

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

SP-25 2004-09-27 6 . 0 . 0

[get it](#)

### TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-6  
WG (prime): none  
G: yes U:

freeze\_meeting:

remarks - general:

S1 / -

rappporteur: CLAYTON, Michael

MCC: EMCOM Ltd

CLAYTON, Michael

remarks - this  
release:

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

SP-25 2004-09-27 6 . 0 . 0

[get it](#)

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

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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)

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 43.020 Security-related network functions

Rel-6  
current version: 6.0.0  
freeze\_meeting:

remarks - general:

WG (prime / S3 / NP / rapporteur: GILBERT, Henri France Telecom  
G: yes U: POPE, Maurice  
MCC: POPE, Maurice  
remarks - this release:

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

SP-25 2004-09-27 6 . 0 . 0 many invalid references [get it](#)

## TS 43.022

### Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-6  
current version: 6.1.0  
freeze\_meeting:

remarks - general: Moved from SMG3 Jan 2000.

G1 / N1 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
MCC: USAI, Paolino  
remarks - this release:

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

GP-12 2003-01-03 6 . 0 . 0 [get it](#)  
GP-22 2004-12-02 6 . 1 . 0 [get it](#)

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

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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 / G: yes U: freeze\_meeting: U:)

G1 / - rapporteur: S. BIRE, Guillaume USAI, Paolino NOKIA Corporation

remarks - this release:

remarks - general: Originally created as 03.51r00

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

GP-17 2003-12-05 6 . 0 . 0 [get it](#)

---

## TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-6 current version: 6.7.0 freeze\_meeting:

G1 / G2 rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc Jose Luis USAI, Paolino

remarks - this release:

remarks - general:

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

GP-13 2003-02-21 6 . 0 . 0 [get it](#)  
GP-14 2003-04-25 6 . 1 . 0 [get it](#)  
GP-16 2003-09-12 6 . 2 . 0 [get it](#)  
GP-17 2003-12-05 6 . 3 . 0 [get it](#)  
GP-18 2004-02-20 6 . 4 . 0 [get it](#)  
GP-20 2004-07-09 6 . 5 . 0 [get it](#)  
GP-21 2004-09-20 6 . 6 . 0 [get it](#)  
GP-22 2004-12-02 6 . 7 . 0 [get it](#)

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

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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

WG (prime /

G: yes U:

LIVINGSTON, Margaret  
USAI, Paolino

G1 / -

rapporporteur:  
MCC:

NOKIA Corporation

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

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

## TS 43.064

General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime /

G: yes U:

LEPPISAARI, Anto  
USAI, Paolino

G1 / -

rapporporteur:  
MCC:

NOKIA Corporation

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

[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



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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: 6.2.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

N1 / -

rapporporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana

Nortel Networks (USA)

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

[get it](#)

[get it](#)

[get it](#)

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

N1 / -

rapporporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this  
release:

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

NP-25 2004-09-27 6 . 0 . 0

[get it](#)

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

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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: 6.0.0

freeze\_meeting:

remarks - general: WI UID = 51136.

WG (prime /

G:yes U:

rapporteur: HEDBY, Gunnar

MCC: THOMASEN, Gert

G2 / -

remarks - this  
release:

Telefon AB LM Ericsson

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

GP-17	0	.	1	.	0
GP-18	0	.	2	.	0
GP-040349					
G2-18b	2004-03-22	0	.	3	.
G2-040260					
G2-19	2004-04-16	0	.	4	.
G2-19b	2004-06-14	0	.	5	.
GP-20	2004-07-07	0	.	6	.
draft	2004-09-20	0	.	7	.
GP-22 ex G2-21b	2004-10-21	0	.	8	.
GP-042551					
GP-22	2004-12-02	6	.	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

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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

Rel-6 current version: 6.1.0

freeze\_meeting:

WG (prime) / G: U: yes

G1 / rapporteur: PROVVEDI, Leonardo ROKE MANOR RESEARCH LTD

MCC:

USAI, Paolino

remarks - general: 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes to existing GERAN protocol specs. 2004-11-08: G2->G1 release: remarks - this

### 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	<a href="#">get it</a>	
				allocated 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	<a href="#">get it</a>	
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>

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

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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)

## TR 43.901 Feasibility Study on generic access to A/Gb interface

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G1 / - rapporteur: KUCHIBHOTLA, Ravi  
MCC: USAI, Paolino

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)

### TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

remarks - this  
release:

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

GP-15 2003-07-10 6 . 0 . 0 [get it](#)

GP-22 2004-11-29 6 . 1 . 0 [get it](#)

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

# 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 44.004 Layer 1 - General Requirements

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur: ISAACS, Ken  
MCC: THOMASEN, Gert

SIEMENS AG

remarks - this  
release:

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

GP-17 2003-12-05 6 . 0 . 0

[get it](#)

---

## TS 44.005 Data Link (DL) Layer General Aspects

Rel-6 current version: 6.0.0

freeze\_meeting:

remarks - general:

WG (prime /

G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

MOTOROLA A/S

remarks - this  
release:

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:

remarks - general:

WG (prime /

G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

MOTOROLA A/S

remarks - this  
release:

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

GP-18 2004-02-23 6 . 0 . 0

[get it](#)

---

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

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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 44.012 Short Message Service Cell Broadcast (SMS-SCB) Support on the Mobile Radio Interface

Rel-6 current version: none

freeze\_meeting:

G2 / N2

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this release:

remarks - general: Rel-4 onwards. (Rel-99 was 24.012)

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

---

## TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-6 current version: 6.1.0

freeze\_meeting:

G2 / -

rapporteur: HOWELL, Andrew

THOMASEN, Gert

MOTOROLA Ltd

MCC:

remarks - this release:

remarks - general:

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

# 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 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-6 current version: 6.10.0

freeze\_meeting:

remarks - general:

WG (prime/

G: yes U:

G2 / -

rapporporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

MOTOROLA Ltd

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	<a href="#">get it</a>
GP-14	2003-04-28	6	.	2	.	0	<a href="#">get it</a>
GP-15	2003-07-10	6	.	3	.	0	<a href="#">get it</a>
GP-16	2003-09-12	6	.	4	.	0	<a href="#">get it</a>
Fix ToC	2003-09-26	6	.	4	.	1	<a href="#">get it</a>
GP-17	2003-12-05	6	.	5	.	0	<a href="#">get it</a>
GP-18	2004-02-23	6	.	6	.	0	<a href="#">get it</a>
GP-19	2004-05-06	6	.	7	.	0	<a href="#">get it</a>
GP-20	2004-07-23	6	.	8	.	0	<a href="#">get it</a>
GP-21	2004-09-04	6	.	9	.	0	<a href="#">get it</a>
GP-22	2004-11-29	6	.	10	.	0	<a href="#">get it</a>

## TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)

Rel-6 current version: 6.6.0

freeze\_meeting:

remarks - general:

WG (prime/

G: yes U:

G2 / -

rapporporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

Nortel Networks (USA)

remarks - this release:

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

GP-15	2003-07-10	6	.	0	.	0	<a href="#">get it</a>
GP-16	2003-09-12	6	.	1	.	0	<a href="#">get it</a>
GP-18	2004-02-23	6	.	2	.	0	<a href="#">get it</a>
GP-19	2004-05-06	6	.	3	.	0	<a href="#">get it</a>
GP-20	2004-07-23	6	.	4	.	0	<a href="#">get it</a>
GP-21	2004-09-04	6	.	5	.	0	<a href="#">get it</a>
GP-22	2004-11-29	6	.	6	.	0	<a href="#">get it</a>

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

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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 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

Rel-6  
current version: none  
freeze\_meeting: U:  
WG (prime / G2 / - / MCC: THOMASEN, Gert  
rapporteur: GARAPATY, Sonia  
MOTOROLA Ltd  
Nortel Networks (USA)

remarks - general:  
freeze\_meeting: U:  
WG (prime / G2 / - / MCC: THOMASEN, Gert  
rapporteur: GARAPATY, Sonia  
MOTOROLA Ltd  
Nortel Networks (USA)

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

## TS 44.036 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

Rel-6  
current version: 6.10.0  
freeze\_meeting: U:  
WG (prime / G2 / - / MCC: THOMASEN, Gert  
rapporteur: HOWELL, Andrew  
MOTOROLA Ltd

remarks - general:  
freeze\_meeting: U:  
WG (prime / G2 / - / MCC: THOMASEN, Gert  
rapporteur: HOWELL, Andrew  
MOTOROLA Ltd

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

GP-12	2002-12-17	6	.	0	.	0		<a href="#">get it</a>
GP-13	2003-02-21	6	.	1	.	0		<a href="#">get it</a>
GP-14	2003-04-29	6	.	2	.	0		<a href="#">get it</a>
GP-15	2003-07-10	6	.	3	.	0		<a href="#">get it</a>
GP-16	2003-09-13	6	.	4	.	0		<a href="#">get it</a>
GP-17	2003-12-05	6	.	5	.	0		<a href="#">get it</a>
GP-18	2004-02-23	6	.	6	.	0		<a href="#">get it</a>
GP-19	2004-05-06	6	.	7	.	0		<a href="#">get it</a>
GP-20	2004-07-23	6	.	8	.	0		<a href="#">get it</a>
GP-21	2004-09-04	6	.	9	.	0		<a href="#">get it</a>
GP-22	2004-11-29	6	.	10	.	0		<a href="#">get it</a>

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



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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 44.065** **Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDSCP)**  
Rel-6  
current version: 6.3.0  
freeze\_meeting:  
remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.

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

NP-20 2003-07-03 6 . 0 . 0 [get it](#)  
NP-21 2003-10-10 6 . 1 . 0 [get it](#)  
NP-22 2004-01-08 6 . 2 . 0 [get it](#)  
NP-25 2004-09-27 6 . 3 . 0 [get it](#)

**TS 44.068** **Group Call Control (GCC) Protocol**

Rel-6  
current version: 6.0.0

freeze\_meeting:

remarks - general:

N1 / -

rappporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this  
release:

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

NP-22 2004-01-08 6 . 0 . 0 [get it](#)

**TS 44.071**

Rel-6  
Location Services (LCS); Mobile radio interface layer 3 LCS specification  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this  
release:

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

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

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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 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode

Rel-6 current version: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

G2 /

NOKIA Corporation

rapporteur: VIRTEJ, Iuliana

MCC: THOMASEN, Gert

remarks - this release:

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

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

## TS 44.160

Rel-6 current version: 6.5.0

freeze\_meeting:

remarks - general:

Created GP-08; see GP-020483. 2002-07-18: G1->G2.

## General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu

WG (prime / G2 /

G: yes U:

MCC: THOMASEN, Gert

remarks - this release:

Indicate persons who left Company and wait for new One

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

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

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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 44.901 External network assisted cell change (NACC)

Rel-6 current version: none  
freeze\_meeting:  
remarks - general: 2003-07-03 (JMM): WI UID 23011?. See also 25.901.

WG (prime / G:yes U: )  
G2 / - rapporteur: BACKLUND, Ingemar  
MCC: THOMASEN, Gert  
Telefon AB LM Ericsson  
remarks - this release:

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

## TR 44.933 Seamless support of streaming services in GERAN A/Gb mode

Rel-6 current version: 1.3.0  
freeze\_meeting:  
remarks - general: Work item = SSSStrea.

WG (prime / G:yes U: )  
G2 / - rapporteur: GESSNER, Christina  
MCC: THOMASEN, Gert  
SIEMENS AG  
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	0	6	0	<a href="#">get it</a>
GP-15	2003-05-07	0	1	<a href="#">get it</a>
GP-16	2003-06-17	0	1	<a href="#">get it</a>
Update of section 6.5.3	2003-07-15	1	1	<a href="#">get it</a>
	2003-09-10	1	2	<a href="#">get it</a>
	2003-09-12	1	3	<a href="#">get it</a>

Rel-6 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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

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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 45.001 Physical layer on the radio path; General description

Rel-6 current version: 6.5.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

rapporteur: JOKINEN, Harri  
USAI, Paolino

NOKIA MOBILE PHONES

G1 / -

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

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## TS 45.002 Multiplexing and multiple access on the radio path

Rel-6 current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

rapporteur: S..BIRE, Benoit  
USAI, Paolino

NOKIA Corporation

G1 / -

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

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

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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 45.003

Rel-6

### Channel coding

current version: 6.6.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

NOKIA Corporation

rappporteur: S..BIRE, Benoit  
USAI, Paolino

MCC:

G1 / -

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

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## TS 45.005

Rel-6

### Radio transmission and reception

current version: 6.7.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

Telefon AB LM Ericsson

rappporteur: SAMUELSSON, Mats  
USAI, Paolino

MCC:

G1 / -

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

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

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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: 6.10.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: EL-SAIGH, Amer  
MCC: USAI, Paolino

VODAFONE Group Plc

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

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## TS 45.009 Link adaptation

Rel-6 current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
MCC: USAI, Paolino

MOTOROLA A/S

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

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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: 6.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: JOKINEN, Harri  
USAI, Paolino

MCC: NOKIA MOBILE PHONES

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-16	2003-09-12	6	.	2	.	0
GP-22	2004-12-02	6	.	3	.	0

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## TS 45.015

Rel-6 current version: none

freeze\_meeting:

remarks - general:

### Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

WG (prime /  
G: yes U:

G1 / -

rappporteur: ESCULIER, Carole  
USAI, Paolino

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):

## TR 45.050

Rel-6 Background for RF Requirements

current version: 6.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MCC: MOTOROLA A/S

remarks - this  
release:

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

GP-12	2003-01-03	6	.	0	.	0
GP-22	2004-12-02	6	.	1	.	0

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

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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 45.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6

WG (prime /  
G: yes U:

G1 /

rapporteur: GROSS, Robert  
MCC: USAI, Paolino

remarks - this  
release: Renumbered from 41.811.

remarks - general: Renumbered from 41.811.

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

GP-10 2002-07-19 6 . 0 . 0

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## TR 45.902 Flexible Layer One (FLO)

Rel-6

WG (prime /  
G: yes U:

G1 / -

rapporteur: S. BIRE, Benoit  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this  
release:

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

draft	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
GP-15 2003-07-11	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-19 2004-05-06	6 . 5 . 0
GP-20 2004-07-09	6 . 6 . 0
GP-22 2004-12-02	6 . 7 . 0

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



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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 45.903 Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks

Rel-6 WG (prime / G1 / -

current version: 6.0.1 G: yes U:

rappporteur: GRANT, Marc

MCC: USAI, Paolino

Cingular Wireless LLC

remarks - this release:

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

GP-21	2004-08-31	0	.	0	.	0	.	0	GP-041932 (bears no version number, but is evidently not the first draft)	<a href="#">get it</a>
GP-21	2004-09-20	2	.	0	.	0	.	0	GP-042261	<a href="#">get it</a>
GP-21	2004-09-28	6	.	0	.	0	.	0		<a href="#">get it</a>
GP-22	2004-12-02	6	.	0	.	0	.	1		<a href="#">get it</a>

## 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 48.001

Rel-6 General Aspects on the BSS-MSC Interface

current version: none

freeze\_meeting:

WG (prime / G2 / -

rappporteur: ANDERSEN, Niels

MOTOROLA A/S

Peter Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - this release:

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

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

# 3GPP specification status

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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 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Rel-6 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
freeze\_meeting: none  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
remarks - general: remarks - this release: MOTOROLA A/S

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

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## TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Rel-6 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
freeze\_meeting: none  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
remarks - general: remarks - this release: MOTOROLA A/S

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

---

## TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Rel-6 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
freeze\_meeting: none  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
remarks - general: remarks - this release: MOTOROLA A/S

history (event, available, version, comments, hyperlink):  
GP-20 2004-07-23 6 . 0 . 0 [get it](#)

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

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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 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Rel-6 current version: 6.7.0

freeze\_meeting:

WG (prime / G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

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-15	2003-07-10	6	.	2	.	0
GP-16	2003-09-12	6	.	3	.	0
GP-17	2003-12-05	6	.	4	.	0
GP-19	2004-05-06	6	.	5	.	0
GP-20	2004-07-23	6	.	6	.	0
GP-22	2004-11-29	6	.	7	.	0

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## TS 48.014

Rel-6 current version: none

freeze\_meeting:

## General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

MOTOROLA A/S

rapporteur: ANDERSEN, Niels

Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this  
release:

remarks - general:

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

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

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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 48.016**  
Rel-6

**General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**

current version: 6.1.0

freeze\_meeting:

MOTOROLA A/S

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MCC:

G: yes U:

remarks - general:

remarks - this  
release:

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

GP-21 2004-09-04 6 . 0 . 0

GP-22 2004-11-29 6 . 1 . 0

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**TS 48.018**  
Rel-6

**General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**

current version: 6.6.0

freeze\_meeting:

MOTOROLA Ltd

rapporteur: BLACK, Jyoti

THOMASEN, Gert

MCC:

G: yes U:

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

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

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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 48.031** Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification  
Rel-6 current version: none  
freeze\_meeting: none

MOTOROLA A/S

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this  
release:

remarks - general:

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

---

**TS 48.051** Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

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

G2 / -

rapporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - this  
release:

remarks - general:

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

---

**TS 48.052** Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

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

G2 / -

rapporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - this  
release:

remarks - general:

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

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

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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 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-6

WG (prime / G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MOTOROLA A/S

freeze\_meeting:

G: yes U:

MCC:

remarks - general: remarks - this release:

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

---

## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-6

WG (prime / G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MOTOROLA A/S

freeze\_meeting:

G: yes U:

MCC:

remarks - general: remarks - this release:

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

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## TS 48.058 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification

Rel-6

WG (prime / G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MOTOROLA A/S

freeze\_meeting:

G: yes U:

MCC:

remarks - general: remarks - this release:

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

GP-16 2003-09-12 6 . 0 . 0

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

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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**  
Rel-6

**Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**  
WG (prime / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MOTOROLA A/S

current version: 6.7.0  
freeze\_meeting:

G: yes U:

MCC:

remarks - general:  
remarks - this release:

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

GP-14	2003-04-29	6	.	0	.	0
GP-15	2003-07-10	6	.	1	.	0
GP-16	2003-09-12	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-20	2004-07-23	6	.	6	.	0
GP-22	2004-11-29	6	.	7	.	0

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**Rel-6**

**49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

**TS 49.031**  
Rel-6

**Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
WG (prime / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MOTOROLA A/S

current version: 6.4.0  
freeze\_meeting:

G: yes U:

MCC:

remarks - general:  
remarks - this release:

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

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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)

## 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:* 0.4.6  
*freeze\_meeting:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down.  
*remarks - general:* Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

*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](#)

## 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:* 6.0.1  
*freeze\_meeting:* 2001-11-19: G4->G5.  
*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](#)

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





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ACTIVE specs Rel-6 51 [.- series](http://www.3gpp.org/ftp/Specs/archive/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 /  
G: yes U:

G1 / - rapporteur: BUSIN, Ake  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general:  
freeze\_meeting:  
current version: 6.2.0  
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](#)

## Rel-6 52 [.- series](http://www.3gpp.org/ftp/Specs/archive/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 /  
G: yes U:

S5 / - rapporteur: RONKA, Kari  
MCC: ZOICAS, Adrian  
NOKIA Corporation

remarks - general:  
freeze\_meeting:  
current version: 2.0.0  
history (event, available, version, comments, hyperlink):  
draft 2003-07-15 0 . 1 . 2 [get it](#)  
SP-25 2004-09-20 1 . 0 . 0 SP-040545 [get it](#)  
S5-40 2004-11-26 1 . 2 . 0 S5-042738 [get it](#)  
SP-26 2004-11-29 2 . 0 . 0 [get it](#)

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

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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 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-6 WG (prime) / S5 / - rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

freeze\_meeting: G: yes U:

MCC:

ZOICAS, Adrian

remarks - general: SP-13: replaces 32.402.

remarks - this release:

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

SP-25 2004-09-29 6 . 0 . 0

[get it](#)

---

## 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 S3 / - rapporteur: WALKER, Michael VODAFONE Group Plc

freeze\_meeting:

G: yes U:

MCC:

POPE, Maurice

remarks - general: Not subject to export control.

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](#)

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

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ACTIVE 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 55.216** **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:* S3 / *WG (prime / 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:*

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

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pairs for approval	<a href="#">get it</a>
SP-17	2002-09-18	6	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0		<a href="#">get it</a>
SP-21	2003-09-30	6	.	2	.	0		<a href="#">get it</a>

**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**  
Rel-6 *current version:* 6.1.0 / *WG (prime / 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:*

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

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pairs for approval	<a href="#">get it</a>
SP-17	2002-09-18	6	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0		<a href="#">get it</a>

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

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ACTIVE 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 55.218  
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:* S3 / *rapporteur:* N, A  
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:

MCC: POPE, Maurice

*remarks - this release:*

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

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pairs for approval	<a href="#">get it</a>
SP-17	2002-09-18	6	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0		<a href="#">get it</a>

TR 55.919  
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:* S3 / *rapporteur:* N, A  
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:

MCC: POPE, Maurice

*remarks - this release:*

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

SP-17	2002-07-22	1	.	0	.	0	SP-020506 pairs for approval	<a href="#">get it</a>
SP-17	2002-09-18	6	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0		<a href="#">get it</a>

---

## 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

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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)

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

WG (prime): SP / -  
G: U: yes

freeze\_meeting: SP-20

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications".

SP / - rapporteur: MEREDITH, John M ETSI Secretariat

MCC: POPE, Maurice

remarks - this release:

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

SP-20 2003-06-25 5 . 4 . 0 Created from 21.103 v5.4.0 [get it](#)  
SP-22 2004-01-15 5 . 5 . 0 [get it](#)  
SP-23 2004-04-02 5 . 6 . 0 [get it](#)  
SP-24 2004-06-24 5 . 7 . 0 [get it](#)

## TS 21.111 USIM and IC card requirements

WG (prime): T3 / -  
G: U: yes

freeze\_meeting: TP-16

remarks - general:

T3 / - rapporteur: KALINER, Stefan T-Mobile International AG

MCC: RODERMUND, Friedhelm

remarks - this release:

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

TP-16 2002-06-19 5 . 0 . 0 [get it](#)  
TP-17 2002-09-18 5 . 1 . 0 [get it](#)

## TR 21.801 Specification drafting rules

WG (prime): SP / -  
G: yes U: yes

freeze\_meeting: SP-15

remarks - general:

SP / - rapporteur: MEREDITH, John M ETSI Secretariat

MCC: POPE, Maurice

remarks - this release:

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

SP-16 2002-06-24 5 . 0 . 0 [get it](#)  
edito 2002-07-19 5 . 0 . 1 [get it](#)  
edito 2003-05-15 5 . 0 . 2 [get it](#)  
SP-23 2004-04-02 5 . 1 . 0 [get it](#)

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

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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 21.900 Technical Specification Group working methods

Rel-5 current version: 5.1.0

freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: yes U: yes

SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - this SP-22: Fron now on, is null document pointing to equivalent in latest Release.  
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 [get it](#)

SP-22 2004-01-14 5 . 1 . 0 [get it](#)

## TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 current version: 5.8.0

freeze\_meeting: SP-15

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 /  
G: yes U: yes

S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd  
MCC: CLAYTON, Michael

remarks - this  
release:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

Rel-5 **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 acces; U = required in systems with UMTS

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

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#5

WG (prime / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: yes MCC: CLAYTON, Michael  
NOKIA Corporation

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

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

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: CARPENTER, Paul  
G: yes U: yes MCC: CLAYTON, Michael  
Research In Motion Limited

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  
current version: 5.2.0  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#5

WG (prime / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: yes MCC: CLAYTON, Michael  
NOKIA Corporation

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

SP-16 2002-07-04 5 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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



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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 22.004 General on supplementary services

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: CARPENTER, Paul  
G: yes U: yes MCC: CLAYTON, Michael  
Research In Motion Limited  
remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0  
SP-24 2004-06-14 5 . 1 . 0

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

## TS 22.011 Service accessibility

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: IBIDUN, Kunle  
G: yes U: yes MCC: CLAYTON, Michael  
ORANGE SA  
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 International Mobile Equipment Identities (IMEI)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: yes 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

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

WG (prime /

S3 / -

rappporteur: NGUYEN NGOC,  
Sebastien

France Telecom

freeze\_meeting: SP-17

G: yes U: yes

MCC:

POPE, Maurice

remarks - general: Transfer>TSG#4

remarks - this  
release:

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

SP-17 2002-09-18 5 . 0 . 0 identical to 4.1.0. [get it](#)

---

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

Rel-5

WG (prime /

S1 / -

rappporteur: DEOL, Amar

Nortel Networks (USA)

freeze\_meeting: SP-16

G: yes U: yes

MCC:

CLAYTON, Michael

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

remarks - this  
release:

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

WG (prime /

S1 / -

rappporteur: IGNATIUS, Jan

NOKIA Corporation

freeze\_meeting: SP-16

G: yes U: yes

MCC:

CLAYTON, Michael

remarks - general: Transfer>TSG#4

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

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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 22.031** **Fraud Information Gathering System (FIGS); Service description; Stage 1**  
Rel-5 *WG (prime /* S3 / *rappporteur:* 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 02.31 R99 and 42.031 *remarks - this* Created from 42.031 Rel-5.  
Rel-4 & Rel-5 -> 22.031. *release:*

*history (event, available, version, comments, hyperlink):*  
SP-18 2003-01-06 5 . 0 . 0 Technically identical to 43.031 v5.0.0. [get it](#)

---

**TS 22.032** **Immediate Service Termination (IST); Service description; Stage 1**  
Rel-5 *WG (prime /* S3 / *rappporteur:* WRIGHT, Tim *Indicate persons who left Company and wait for new One*  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 *remarks - this*  
onwards). *release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0 [get it](#)

---

**TS 22.034** **High Speed Circuit Switched Data (HSCSD); Stage 1**  
Rel-5 *WG (prime /* S1 / - *rappporteur:* KOKKOLA, Tommi *NOKIA Corporation*  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this*

*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

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

Rel-5 WG (prime / G: yes U: yes) S1 / -  
current version: 5.4.0  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4

Research In Motion Limited  
rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
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](#)

## TS 22.041 Operator Determined Call Barring

Rel-5 WG (prime / G: yes U: yes) S1 / -  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

VODAFONE Group Plc  
rapporteur: WATSON, John  
MCC: CLAYTON, Michael  
remarks - this release:

### 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 WG (prime / G: yes U: yes) S1 / -  
current version: 5.1.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

EMCOM Ltd  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
remarks - this release:

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

SP-16 2002-07-19 5 . 0 . 0 [get it](#)  
SP-20 2003-06-18 5 . 1 . 0 [get it](#)

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

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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 22.048 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 /  
G: yes U: yes

T3 / S3 rapporteur: BARNES, Nigel  
MCC: RODERMUND, Friedhelm  
MOTOROLA Ltd

remarks - this  
release:

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

TP-20 2003-06-23 5 . 0 . 0 technically identical to v4.0.0

[get it](#)

## 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 /  
G: yes U: yes

S4 / - 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 22.057 Mobile Execution Environment (MEXE) service description; Stage 1

Rel-5  
current version: 5.4.0  
freeze\_meeting: SP-15

WG (prime /  
G: yes U: yes

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

remarks - this  
release:

remarks - general: Transfer>TSG#4; Rel-4 changes title from "Mobile Station Application Execution Environment (MEXE); Stage 1".

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

[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

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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**  
Rel-5 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4

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  
SP-19 2003-03-25 5 . 3 . 0

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

S1 / - rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research In Motion Limited  
remarks - this release:

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

Rel-5 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

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](#)

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this release:

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

Rel-5 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

S1 / - rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
SIEMENS AG  
remarks - this release:

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

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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 /  
G: yes U: yes

S1 / - 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 [get it](#)  
SP-15 2002-03-25 5 . 1 . 0 [get it](#)  
edito post SP-15 2002-04-04 5 . 1 . 1 [get it](#)  
SP-21 2003-09-30 5 . 2 . 0 [get it](#)  
SP-22 2004-01-06 5 . 3 . 0 [get it](#)  
SP-23 2004-03-23 5 . 4 . 0 [get it](#)

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

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / - rapporteur: HECHWARTNER,  
Roland  
MCC: CLAYTON, Michael

T-Mobile International AG

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

remarks - general:

WG (prime /  
G: yes U: yes

S4 / - 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 [get it](#)

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

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

Rel-5 WG (prime / S1 / - rapporteur: GRECH, Michel  
freeze\_meeting: SP-15 G: yes U: yes CLAYTON, Michael  
Lucent Technologies Network Systems UK  
remarks - general: U: yes  
remarks - this release:

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

SP-09	2000-11-09	5	.	0	.	0	unclear how to implement CR	<a href="#">get it</a>
SP-10	2001-01-08	5	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-02	5	.	2	.	0		<a href="#">get it</a>
SP-12	2001-06-27	5	.	3	.	0		<a href="#">get it</a>
SP-13	2001-10-05	5	.	4	.	0		<a href="#">get it</a>
SP-14	2002-01-10	5	.	5	.	0		<a href="#">get it</a>
SP-15	2002-03-25	5	.	6	.	0		<a href="#">get it</a>
SP-16	2002-07-04	5	.	7	.	0		<a href="#">get it</a>
SP-17	2002-09-17	5	.	8	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	9	.	0		<a href="#">get it</a>
edito (fix missing headers/footers)	2003-01-07	5	.	9	.	1		<a href="#">get it</a>
SP-19	2003-03-25	5	.	10	.	0		<a href="#">get it</a>
SP-21	2003-09-30	5	.	11	.	0		<a href="#">get it</a>
SP-22	2004-01-06	5	.	12	.	0		<a href="#">get it</a>
SP-23	2004-03-23	5	.	13	.	0		<a href="#">get it</a>
SP-24	2004-06-14	5	.	14	.	0		<a href="#">get it</a>

---

## TS 22.079 Support of optimal routing; Stage 1

Rel-5 WG (prime / S1 / - rapporteur: CLAYTON, Michael  
freeze\_meeting: SP-16 G: yes U: yes CLAYTON, Michael  
EMCOM Ltd  
remarks - general: Transfer>TSG#4  
remarks - this release:

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

SP-16	2002-07-19	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



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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 22.081 Line Identification supplementary services; Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

rapporporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

S1 / -

rapporporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael  
ORANGE SA

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

S1 / -

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

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

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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 /  
G: yes U: yes

S1 / -

rappporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## 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 /  
G: yes U: yes

S1 / -

rappporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael

TeliaSonera AB

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## 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 /  
G: yes U: yes

S1 / -

rappporteur: 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

[get it](#)

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

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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 22.087 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 /  
G: yes U: yes

S1 / -

rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

S1 / -

rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
T-Mobile International AG

remarks - this  
release:

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

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

S1 / -

rapporteur: IGNATIUS, Jan  
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

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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 /  
G: yes U: yes

S1 / -

rappporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## 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 /  
G: yes U: yes

S1 / -

rappporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.094 Follow Me service description - Stage 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

WG (prime /  
G: yes U: yes

S1 / -

rappporteur: HECHWARTNER,  
Roland  
MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this  
release:

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-16 2002-07-19 5 . 0 . 0

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---

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

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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 / S1 / - rapporteur: DEOL, Amar  
G: yes U: yes MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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## TS 22.097 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 / S1 / - rapporteur: DEOL, Amar  
G: yes U: yes 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

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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 / S1 / - rapporteur: DEOL, Amar

G: U: yes Clayton, Michael

Nortel Networks (USA)

MCC:

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 / S1 / - rapporteur: ZARRI, Michele

G: U: yes Clayton, Michael

T-Mobile (UK) Ltd

MCC:

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

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

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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 /  
G: U: yes

T3 / -

rapporteur: MEYER, Michael  
RODERMUND, Friedhelm  
GIESECKE & DEVRIENT GmbH

MCC:

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 /  
G: yes U: yes

S1 / -

rapporteur: SCARRONE, Enrico  
CLAYTON, Michael  
TELECOM ITALIA S.p.A.

MCC:

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

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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; Stage 1

Rel-5 current version: 5.3.1

freeze\_meeting: SP-15

remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR.

WG (prime /  
G: yes U: yes

S1 / -

rporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

remarks - this  
release:

T-Mobile (UK) Ltd

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

SP-11 2001-04-02 5 . 0 . 0

SP-12 2001-06-27 5 . 1 . 0

SP-14 2002-01-10 5 . 2 . 0

SP-15 2002-03-28 5 . 3 . 0

SP-16 2002-07-19 5 . 3 . 1 Converted from TS to TR.

[get it](#)

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

Rel-5 current version: 5.5.0

freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: U: yes

S1 / -

rporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

remarks - this  
release:

SIEMENS AG

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

SP-12 2001-06-27 5 . 0 . 0

SP-13 2001-10-05 5 . 1 . 0

edito 2001-10-09 5 . 1 . 1

SP-14 2002-01-10 5 . 2 . 0

SP-15 2002-03-29 5 . 3 . 0

SP-16 2002-07-04 5 . 4 . 0

SP-18 2002-12-18 5 . 5 . 0

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



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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

WG (prime / G: yes U: yes)  
current version: 5.2.0  
freeze\_meeting: SP-15

S1 / - rapporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael  
ORANGE SA

remarks - general:  
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](#)  
[get it](#)  
[get it](#)

## TS 22.135 Multicast; Service description; Stage 1

WG (prime / G: U: yes)  
current version: 5.0.0  
freeze\_meeting: SP-16

S1 / - rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation

remarks - general:

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

WG (prime / G: U: yes)  
current version: 5.4.0  
freeze\_meeting: SP-15

S1 / - rapporteur: MEYER, Juergen  
MCC: CLAYTON, Michael  
SIEMENS AG

remarks - general: (development in T2)

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

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

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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 / S1 / - rapporteur: CLAYTON, Michael  
G: yes U: yes U: yes Clayton, Michael  
MCC: WI approved TSG#7  
remarks - this  
release:

EMCOM Ltd

### 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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[get it](#)

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

WG (prime / S1 / rapporteur: CATALDO, Mark  
G: yes U: yes U: yes Clayton, Michael  
MCC: Clayton 2000-10-16: Rel-5 confirmed.  
remarks - this  
release:

Openwave Systems (N.I.) Ltd

### 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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[get it](#)

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

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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

WG (prime / U: yes) S1 / rapporteur: WATSON, John VODAFONE Group Plc

current version: 5.0.0  
freeze\_meeting: SP-16

G: U: yes  
MCC: CLAYTON, Michael

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

## TR 22.944 Service requirements for UE functionality split

WG (prime / U: yes) S1 / rapporteur: BARNES, Nigel MOTOROLA Ltd

current version: 5.1.0  
freeze\_meeting: SP-15

G: U: yes  
MCC: CLAYTON, Michael

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

[get it](#)  
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[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)

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

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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 / S2 / - rapporteur: MILINSKI, Alexander SIEMENS AG  
G:yes U: yes MCC: BOSWARTHICK, David  
remarks - this release:

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

SP-09	2000-10-18	5	.	0	.	0	<a href="#">get it</a>
SP-10	2000-12-21	5	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-06	5	.	2	.	0	<a href="#">get it</a>
SP-12	2001-07-12	5	.	3	.	0	<a href="#">get it</a>
SP-13	2001-10-12	5	.	4	.	0	<a href="#">get it</a>
SP-14	2002-01-07	5	.	5	.	0	<a href="#">get it</a>
SP-15	2002-04-02	5	.	6	.	0	<a href="#">get it</a>
SP-16	2002-06-17	5	.	7	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	8	.	0	<a href="#">get it</a>
SP-18	2003-01-10	5	.	9	.	0	<a href="#">get it</a>
SP-19	2003-03-27	5	.	10	.	0	<a href="#">get it</a>
SP-20	2003-06-20	5	.	11	.	0	<a href="#">get it</a>
SP-21	2003-10-01	5	.	12	.	0	<a href="#">get it</a>

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

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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: 5.9.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / 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 [get it](#)  
NP-13 2001-10-03 5 . 1 . 0 [get it](#)  
NP-14 2002-01-11 5 . 2 . 0 [get it](#)  
NP-16 2002-06-21 5 . 3 . 0 [get it](#)  
NP-17 2002-09-17 5 . 4 . 0 [get it](#)  
NP-18 2003-01-07 5 . 5 . 0 [get it](#)  
NP-18 fix 2003-01-10 5 . 5 . 1 [get it](#)

corrupted figures

pp24 ff

NP-20 2003-06-27 5 . 6 . 0 [get it](#)  
NP-21 2003-10-09 5 . 7 . 0 [get it](#)  
NP-22 2004-01-12 5 . 8 . 0 [get it](#)  
NP-23 2004-03-23 5 . 9 . 0 [get it](#)

Implements CR082r2 omitted from v5.8.0.

## TS 23.007 Restoration procedures

Rel-5 current version: 5.1.0

freeze\_meeting: NP-15

remarks - general:

WG (prime / 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 [get it](#)  
NP-22 2004-01-12 5 . 1 . 0 [get it](#)

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

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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 /  
G: yes U: yes

N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG

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	2002-09-17	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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[get it](#)  
[get it](#)  
[get it](#)

## TS 23.009 Handover procedures

Rel-5 current version: 5.8.0

freeze\_meeting: NP-15

remarks - general:

WG (prime /

G: yes U: yes

N1 / N4 rapporteur: FARHOUUMAND, Ericsson Incorporated

Fouzbeh

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

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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 /  
G: yes U: yes  
N4 / -  
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 /  
G: yes U: yes  
N4 / -  
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

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

## 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 /  
G: yes U: yes  
N1 / -  
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

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

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

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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 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
KYMALAINEN, Kimmo  
MCC: .  
G: yes U: yes  
remarks - this  
release:

[get it](#)

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-24 5 . 0 . 0

## TS 23.016 Subscriber data management; Stage 2

Rel-5  
current version: 5.3.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
KYMALAINEN, Kimmo  
MCC: .  
G: yes U: yes  
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-23 2004-03-23 5 . 3 . 0

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

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



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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 / N4 / - rapporteur: PARK, Ian David VODAFONE LTD

Chalmers

MCC: KYMALAINEN, Kimmo

G: yes U: yes

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	<a href="#">get it</a>
NP-14	2002-01-16	5	2	0	<a href="#">get it</a>
NP-15	2002-03-28	5	3	0	<a href="#">get it</a>
NP-17	2002-09-17	5	4	0	<a href="#">get it</a>
NP-18	2003-01-07	5	5	0	<a href="#">get it</a>
NP-19	2003-04-04	5	6	0	<a href="#">get it</a>
NP-20	2003-06-27	5	7	0	<a href="#">get it</a>
NP-21	2003-10-09	5	8	0	<a href="#">get it</a>
NP-23	2004-03-23	5	9	0	<a href="#">get it</a>

## 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 / S3 / - rapporteur: WRIGHT, Tim

POPE, Maurice

G: yes U: yes

remarks - this release: Created from 43.031 Rel-5.

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 & Rel-5 -> 23.031.

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

SP-18	2003-01-06	5	0	0	Technically identical to 43.031 v5.0.0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
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 /  
G: yes U: yes

N1 / - rapporteur: CARRI" N, Immaculada NOKIA Corporation  
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](#)  
[get it](#)

## 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 /  
G: yes U: yes

S3 / - rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice

remarks - this  
release:

Indicate persons who left Company and wait for new  
One

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

SP-16 2002-06-24 5 . 0 . 0  
SP-17 2002-09-18 5 . 1 . 0

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

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

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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 /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

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

[get it](#)

[get it](#)

## TR 23.039

Rel-5

current version: 5.0.0

freeze\_meeting: TP-15

remarks - general:

WG (prime /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian

MCC: RODERMUND, Friedhelm

Research In Motion Limited

remarks - this  
release:

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

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

WG (prime / T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes MCC: RODERMUND, Friedhelm  
Research In Motion Limited  
remarks - this release:

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

NP-12	2001-07-05	5	0	0	<a href="#">get it</a>
TP-13	2001-10-03	5	1	0	<a href="#">get it</a>
TP-14	2002-01-11	5	2	0	<a href="#">get it</a>
TP-15	2002-03-26	5	3	0	<a href="#">get it</a>
TP-16	2002-07-05	5	4	0	<a href="#">get it</a>
TP-17	2002-09-18	5	5	0	<a href="#">get it</a>
post TP-17:	adds 2002-09-24	5	5	1	<a href="#">get it</a>
test vector file					
TP-20	2003-06-26	5	6	0	<a href="#">get it</a>
TP-20	2003-10-03	5	6	1	<a href="#">get it</a>
TP-23	2004-03-25	5	7	0	<a href="#">get it</a>
TP-23	2004-05-24	5	7	1	<a href="#">get it</a>
TP-25	2004-09-23	5	8	0	<a href="#">get it</a>
TP-25	2004-10-08	5	8	1	<a href="#">get it</a>

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  
remarks - general: Transfer>TSG#4

WG (prime / T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes MCC: RODERMUND, Friedhelm  
Research In Motion Limited  
remarks - this release:

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

TP-16	2002-06-26	5	0	0	<a href="#">get it</a>
TP-19	2003-03-24	5	1	0	<a href="#">get it</a>
TP-22	2004-01-09	5	2	0	<a href="#">get it</a>

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

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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 /  
G: yes U: yes

T2 / -

rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited

remarks - this  
release:

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 /  
G: yes U: yes

T3 / -

rapporteur: BARNES, Nigel  
MCC: RODERMUND, Friedhelm

MOTOROLA Ltd

remarks - this  
release:

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

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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 /  
G: yes U: yes

S4 / S2  
remarks - this  
release:

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

## TS 23.057 Mobile Execution Environment (MEExE); 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 /  
G: yes U: yes

T2 / -  
remarks - this  
release:

rapporteur: BRENK, Lars  
MCC: RODERMUND, Friedhelm

TTP Communications plc

history (event, available, version, comments, hyperlink):  
TP-15 2002-03-25 5 . 0 . 0  
TP-17 2002-09-18 5 . 1 . 0

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

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

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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  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes  
S2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd  
MCC: BOSWARTHICK, David  
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  
freeze\_meeting: NP-15  
remarks - general: Transfer>TSG#4, CR at TSG#5

WG (prime /  
G: yes U: yes  
N4 / - rapporteur: LOPEZ SORIA, Luis Telefon AB LM Ericsson  
MCC: KYMALAINEN, Kimmo  
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

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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 WG (prime / G: yes U: yes  
freeze\_meeting: NP-15

N4 / - rapporteur: SCHMITT, Peter SIEMENS AG

MCC: KYMALAINEN, Kimmo

remarks - general:  
remarks - this release:

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

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

---

## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-5 WG (prime / G: yes U: yes  
freeze\_meeting: NP-15

N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

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



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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

WG (prime /

G: yes U: yes

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 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

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

WG (prime /

G: yes U: yes

N4 / - rapporteur: PARK, Ian David

Chalmers

VODAFONE LTD

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

remarks - this release:

MCC: KYMALAINEN, Kimmo

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

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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 23.081 Line Identification supplementary services; Stage 2

Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
MCC: KYMALAINEN, Kimmo

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

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

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

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
MCC: KYMALAINEN, Kimmo

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  
current version: 5.1.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD  
MCC: KYMALAINEN, Kimmo

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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[get it](#)

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

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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 /  
G: yes U: yes

N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

MCC: KYMALAINEN, Kimmo

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 /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this  
release:

Gesellschaft f, r Kommunikations Software

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

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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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 /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this  
release:

Gesellschaft f, r Kommunikations Software

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

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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 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

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

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

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

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rporteur: CROOK, Mick  
MCC: KYMALAINEN, Kimmo

ORANGE PCS LTD

remarks - this  
release:

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

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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

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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 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-5  
WG (prime / G: yes U: yes)  
current version: 5.1.0  
freeze\_meeting: NP-15  
remarks - general:

N4 / -  
rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r 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

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

## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-5  
WG (prime / G: yes U: yes)  
current version: 5.0.0  
freeze\_meeting: NP-15  
remarks - general:

N4 / -  
rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software  
remarks - this release:

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

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

## TS 23.094 Follow Me Stage 2

Rel-5  
WG (prime / G: yes U: yes)  
current version: 5.0.1  
freeze\_meeting: NP-15  
remarks - general: Transfer>TSG#4. GSM only @TSG#5

N4 / -  
rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r 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

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

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

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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 23.096 Name Identification Supplementary Service; Stage 2

Rel-5 current version: 5.0.0

freeze\_meeting: NP-15

remarks - general:

WG (prime /  
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-16 2002-06-24 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

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

[get it](#)

## TS 23.101 General UMTS Architecture

Rel-5 current version: 5.0.1

freeze\_meeting: SP-22

remarks - general:

WG (prime /  
G: yes U: yes

S2 / -

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

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

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## TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 current version: 5.12.0

freeze\_meeting: SP-15

remarks - general: was 23.907

WG (prime / S2 / - rapporteur: RINNE, Janne

G: U: yes BOSWARTHICK, David

MCC: NOKIA Corporation

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

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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 / N1 / - rapporteur: DOIG, Ian

G: yes U: yes JURISIC, Andrijana

MCC: MOTOROLA S.A.S

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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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 23.110 UMTS Access Stratum Services and Functions

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-22

WG (prime / S2 / - rapporteur: LOPEZ-TORRES, Indicate persons who left Company and wait for new  
G: yes U: yes One  
MCC: BOSWARTHICK, David

remarks - general:

remarks - this  
release:

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

upgrade to Rel-5 2003-10-09 5 . 0 . 0 Created when discovered it was [get it](#)  
following SP-21 missing post SP-21. To be ratified SP-

## TS 23.116 Super-Charger technical realization; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new  
G: yes U: yes One  
MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5

remarks - this  
release:

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

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

## TS 23.119 Gateway Location Register (GLR); Stage2

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime / N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.  
G: yes U: yes One  
MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5

remarks - this  
release:

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

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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



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

Rel-5 WG (prime) /  
freeze\_meeting: NP-15 G: yes U: yes  
remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC  
reflow of R98 features.

N1 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation

MCC: JURISIC, Andrijana

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-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) /  
freeze\_meeting: SP-15 G: U: yes  
remarks - general: Sept.00: "Open Service Architecture" removed from title. SP-24: To be  
transferred from S2 to N5 at N/SP-25.

S2 / - rapporteur: GOURRAUD, Christophe ERICSSON RESEARCH CANADA

MCC: BOSWARTHICK, David

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

[get it](#)

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## TS 23.135 Multicall supplementary service; Stage 2

Rel-5 WG (prime) /  
freeze\_meeting: NP-15 G: U: yes

N4 / - rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation

MCC: KYMALAINEN, Kimmo

remarks - this  
release:

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

NP-16	2002-06-24	5	.	0	.	0
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[get it](#)

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

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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 23.140** **Multimedia Messaging Service (MMS); Functional description; Stage 2**  
Rel-5 *current version:* 5.11.0 *freeze\_meeting:* TP-15  
*remarks - general:* 2003-12-03: Note that this spec also contains stage 3.

T2 / - *rapporteur:* LAUMEN, Josef INFINEON TECHNOLOGIES  
*MCC:* RODERMUND, Friedhelm

*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 -19) to <a href="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-23_series/23.140/schema/REL-5-MM7-23_series">http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-23_series</a>	<a href="#">get it</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 NTT DoCoMo Inc.  
*MCC:* HAN, Seung Don

*remarks - this release:*

*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

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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: 5.8.0  
freeze\_meeting: NP-15  
remarks - general: New after TSG#5

WG (prime / N4 / - rapporteur: HODGES, Phil  
G: U: yes U: yes) / - MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson  
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

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## TS 23.172

Rel-5  
current version: 5.4.0  
freeze\_meeting: NP-16

WG (prime / N3 / - rapporteur: HUSLENDE, Ragnar  
G: U: yes U: yes) / - MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
remarks - this release:

### Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2

### 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

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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 WG (prime) / S2 / rapporteur: PUDNEY, Chris VODAFONE Group Plc  
freeze\_meeting: SP-20 G: yes U: yes MCC: BOSWARTHICK, David  
remarks - general: Created as a result of 23.895. SP-20: approved as a Rel-5 document, not Rel-6.  
remarks - this release:

### 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-
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	<a href="#">get it</a>
SP-21	2003-10-01	5	1	0	<a href="#">get it</a>
SP-22	2004-01-06	5	2	0	<a href="#">get it</a>
SP-23	2004-04-01	5	3	0	<a href="#">get it</a>
SP-25	2004-09-27	5	4	0	<a href="#">get it</a>

## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-5 WG (prime) / N4 / - rapporteur: HODGES, Phil Telefon AB LM Ericsson  
freeze\_meeting: NP-15 G: U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: 2000-10: Rep change from Keutmann. remarks - this release:

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

NP-14	2002-01-10	5	0	0	<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	2004-03-24	5	7	0	<a href="#">get it</a>

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

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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

remarks - general:

WG (prime / S2 / - rapporteur: OYAMA, Johnson Nippon Ericsson K.K.  
G:yes U: yes MCC: BOSWARTHICK, David  
remarks - this release:

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

SP-12		2	.	0	.	0	.	0	SP-010337
SP-12	2001-07-02	5	.	0	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-15	5	.	1	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-07	5	.	2	.	0	.	0	<a href="#">get it</a>
SP-15	2002-04-05	5	.	3	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-18	5	.	4	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	5	.	0	.	0	<a href="#">get it</a>
SP-18	2003-01-10	5	.	6	.	0	.	0	<a href="#">get it</a>
SP-19	2003-03-27	5	.	7	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-20	5	.	8	.	0	.	0	<a href="#">get it</a>
SP-23	2004-04-01	5	.	9	.	0	.	0	<a href="#">get it</a>

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

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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 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2

Rel-5  
current version: 5.7.0  
freeze\_meeting: NP-15

Lucent Technologies Network Systems UK

DRAGE, Keith  
JURISIC, Andrijana

rapporporteur:  
MCC:

N1 / -

WG (prime /  
G:yes U: yes

remarks - general:  
remarks - this release:

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

draft	2001-03-30	0	5	0	<a href="#">get it</a>
draft	2001-08-20	0	5	2	<a href="#">get it</a>
draft	2001-09-11	0	6	0	<a href="#">get it</a>
draft	2001-10-10	0	7	0	<a href="#">get it</a>
draft	2001-11-05	0	8	0	<a href="#">get it</a>
draft	2001-11-19	0	9	0	<a href="#">get it</a>
NP-14	2001-12-05	1	0	0	NP-010640
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	2002-02-26	2	0	0	<a href="#">get it</a>
NP-15	2002-03-19	2	0	1	NP-020047
NP-15	2002-03-19	5	0	0	<a href="#">get it</a>
NP-16	2002-06-25	5	1	0	<a href="#">get it</a>
NP-17	2002-09-17	5	2	0	<a href="#">get it</a>
NP-18	2002-12-18	5	3	0	<a href="#">get it</a>
NP-19	2003-03-24	5	4	0	<a href="#">get it</a>
NP-20	2003-07-03	5	5	0	<a href="#">get it</a>
NP-21	2003-09-30	5	6	0	<a href="#">get it</a>
NP-22	2004-01-06	5	7	0	<a href="#">get it</a>

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

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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 / S2 / - rapporteur: DANIEL, Elizabeth  
G: yes U: yes MCC: BOSWARTHICK, David  
Lucent Technologies Network Systems UK  
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 / S2 / - rapporteur: HELLSTROM, Gunnar Omnitron AB  
G: yes U: yes 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	.	1	.	0
SP-15	2002-04-05	5	.	2	.	0

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

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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

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## TS 23.227 Application and user interaction in the UE; Principles and specific requirements

Rel-5  
current version: 5.1.0  
freeze\_meeting: TP-15

WG (prime /

T2 / -

rappporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this  
release:

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 acces; U = required in systems with UMTS



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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: 5.12.0

freeze\_meeting: SP-15

remarks - general:

WG (prime / S2 / - rapporteur: TOWLE, Thomas  
G:yes U: yes MCC: BOSWARTHICK, David  
Lucent Technologies  
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

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

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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: 5.2.0  
freeze\_meeting: SP-15  
WG (prime / S2 / -) :  
G: yes U: yes  
TERRILL, Stephen  
BOSWARTHICK, David  
Telefon AB LM Ericsson  
rapporteur:  
MCC:  
remarks - this release:

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

SP-12	2001-07-12	1	0	0	SP-010338
draft	2001-08-16	1	1	0	
SP-13	2001-10-01	2	0	0	SP-010507
SP-13		2	1	0	not made available
SP-13	2001-10-15	5	0	0	
SP-14	2002-01-07	5	1	0	
SP-15	2002-04-05	5	2	0	

## TS 23.271 Location Services (LCS); Functional description; Stage 2

Rel-5 current version: 5.12.0  
freeze\_meeting: SP-15  
WG (prime / S2 / -) :  
G: yes U: yes  
WONG, Gavin  
BOSWARTHICK, David  
VODAFONE Group Plc  
rapporteur:  
MCC:  
remarks - this release:

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

SP-13	2001-10-15	5	0	0	
SP-14	2002-01-07	5	1	0	
SP-15	2002-03-29	5	2	0	
SP-16	2002-06-18	5	3	0	
SP-17	2002-09-24	5	4	0	
SP-18	2003-01-09	5	5	0	
SP-19	2003-03-27	5	6	0	
SP-20	2003-06-23	5	7	0	
SP-21	2003-10-02	5	8	0	
SP-22	2004-01-06	5	9	0	
SP-23	2004-04-01	5	10	0	
SP-24	2004-06-23	5	11	0	
SP-25	2004-09-27	5	12	0	

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

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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  
Lucent Technologies  
remarks - general: 2001-10-26: renumbered from 23.178. NP-24: txferred to N4 on closure  
remarks - this release: Was briefly 23.178. CAMEL Phase 4.  
WG (prime / N4 / -  
G: yes U: yes  
rapporteur: REMOQUILLO,  
MCC: KYMALAINEN, Kimmo

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 / S2 /  
G: yes U: yes  
rapporteur: MILINSKI, Alexander  
MCC: BOSWARTHICK, David  
SIEMENS AG  
remarks - this release: 2002-04 (Rapporteur): 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	0	2001-08	
S2-19	0	1	0	0	2001-10	
S2-20	2001-11-20	0	2	0		<a href="#">get it</a>
S2-21	2001-12-04	0	3	0		<a href="#">get it</a>
SP-14	2002-01-11	1	0	0	SP-010718	<a href="#">get it</a>
SP-15	2002-03-19	2	0	0	SP-020144	<a href="#">get it</a>
SP-15	2002-04-05	5	0	0		<a href="#">get it</a>

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

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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) / S2 / rapporteur: K=LL, Jan NOKIA Corporation

G: U: yes BOSWARTHICK, David

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) / S2 / rapporteur: UDA, Nobuyuki NTT COMMWARE Corporation

G: U: yes BOSWARTHICK, David

remarks - this release: .

remarks - general: SP-13: changed number from 23.974.

### 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

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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 23.910 Circuit switched data bearer services

Rel-5  
*current version:* 5.4.0  
*freeze\_meeting:* NP-15  
*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.  
WG (prime / U: yes  
G: U: yes  
N3 / -  
*rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*MCC:* HAN, Seung Don  
*remarks - this release:* NP-25: In view of the intention to replace by a TS, this TR will not be upgraded to Rel-6.

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

NP-14 2002-01-11 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](#)  
NP-19 2003-03-27 5 . 3 . 0 [get it](#)  
NP-21 2003-10-01 5 . 4 . 0 [get it](#)

## TR 23.981 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-5  
*current version:* 5.0.0  
*freeze\_meeting:* SP-25  
*remarks - general:* SP-21: WI = SP-030385, 2004-04-08: Rapporteur indicates wish to convert 23.881 to 23.981. Agreed at S2-39.  
WG (prime / U: yes  
G: U: yes  
S2 /  
*rapporteur:* MILINSKI, Alexander SIEMENS AG  
*MCC:* BOSWARTHICK, David  
*remarks - this release:* SP-24: to be back-created by CRs to the Rel-6 instance.

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

SP-25 2004-09-27 5 . 0 . 0 [get it](#)

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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

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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 /

MOTOROLA A/S

ANDERSEN, Niels

rapporteur:

freeze\_meeting: NP-15

G: yes U: yes

N1 / -

Peter Skov

MCC:

JURISIC, Andrijana

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

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## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-5

current version: 5.2.0

freeze\_meeting: NP-15

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

WG (prime /

MOTOROLA Ltd

HOWELL, Andrew

rapporteur:

JURISIC, Andrijana

MCC:

N1 / -

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

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

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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

remarks - general:

WG (prime /  
G: yes U: yes

N1 / -

rapporporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

remarks - this  
release:

MOTOROLA Ltd

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

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

## TS 24.010

Rel-5 current version: 5.0.0

freeze\_meeting: NP-15

remarks - general:

## Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

WG (prime /

G: yes U: yes

N4 / -

rapporporteur: ANDERSEN, Niels

Peter Skov

KYMALAINEN, Kimmo

MCC:

MOTOROLA A/S

remarks - this  
release:

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

NP-16	2002-06-24	5	.	0	.	0
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[get it](#)

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

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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

Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana

rapporteur:

N1 / T2

G: yes U: yes

remarks - general: Transfer>TSG#4

remarks - this  
release:

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

NP-16 2002-06-28 5 . 0 . 0 [get it](#)  
NP-18 2002-12-18 5 . 1 . 0 [get it](#)  
NP-20 2003-07-03 5 . 2 . 0 [get it](#)

## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

Rel-5  
current version: 5.5.0  
freeze\_meeting: NP-15

SIEMENS AG

KLEHN, Norbert  
HAN, Seung Don

rapporteur:

N3 / -

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".

remarks - this  
release:

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

NP-14 2002-01-16 5 . 0 . 0 [get it](#)  
NP-18 2003-01-06 5 . 1 . 0 [get it](#)  
NP-19 2003-03-27 5 . 2 . 0 [get it](#)  
NP-20 2003-06-23 5 . 3 . 0 [get it](#)  
NP-21 2003-10-01 5 . 4 . 0 [get it](#)  
NP-22 2004-01-13 5 . 5 . 0 [get it](#)

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



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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)

<b>TS 24.030</b> Rel-5	<b>Location Services (LCS); Supplementary service operations; Stage 3</b> <i>WG (prime /</i> G: yes U: yes	N4 / -	<i>rapporteur:</i> MCC:	GARAPATY, Sonia KYMALAINEN, Kimmo	Nortel Networks (USA)
<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.				
<i>history (event, available, version, comments, hyperlink):</i>	NP-15 2002-03-28 5 . 0 . 0 NP-16 2002-06-21 5 . 1 . 0				
<b>TS 24.067</b> Rel-5	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b> <i>WG (prime /</i> G: yes U: yes	N4 / -	<i>rapporteur:</i> MCC:	SCHMITT, Peter KYMALAINEN, Kimmo	SIEMENS AG
<i>remarks - general:</i>					
<i>history (event, available, version, comments, hyperlink):</i>	NP-16 2002-06-24 5 . 0 . 0				
<b>TS 24.072</b> Rel-5	<b>Call Deflection Supplementary Service; Stage 3</b> <i>WG (prime /</i> G: yes U: yes	N4 / -	<i>rapporteur:</i> MCC:	WIEHE, Ulrich KYMALAINEN, Kimmo	Gesellschaft f, r Kommunikations Software
<i>remarks - general:</i>					
<i>history (event, available, version, comments, hyperlink):</i>	NP-16 2002-06-24 5 . 0 . 0				

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

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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 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

Rel-5 WG (prime / G: yes U: yes)  
freeze\_meeting: NP-15

remarks - general:

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

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

## TS 24.081 Line Identification Supplementary Service; Stage 3

Rel-5 WG (prime / G: yes U: yes)  
freeze\_meeting: NP-15

remarks - general:

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

NP-16	2002-06-24	5	.	0	.	0
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[get it](#)

## TS 24.082 Call Forwarding supplementary service; Stage 3

Rel-5 WG (prime / G: yes U: yes)  
freeze\_meeting: NP-15

remarks - general:

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

NP-16	2002-06-25	5	.	0	.	0
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[get it](#)

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this release:

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this release:

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this release:

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

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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 24.083** **Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3**  
Rel-5 *WG (prime /*  
*G: yes U: yes*  
*freeze\_meeting: NP-15*  
*remarks - general:*

N4 / - *rapporteur:* RUSSELL, Nick  
*MCC:* KYMALAINEN, Kimmo  
VODAFONE LTD  
*remarks - this*  
*release:*

*history (event, available, version, comments, hyperlink):*  
NP-16 2002-06-25 5 . 0 . 0

[get it](#)

**TS 24.084** **MultiParty (MPTY) Supplementary Service; Stage 3**

Rel-5 *current version: 5.0.0*  
*freeze\_meeting: NP-15*  
*remarks - general:*

N4 / - *rapporteur:* RUSSELL, Nick  
*MCC:* KYMALAINEN, Kimmo  
VODAFONE LTD  
*remarks - this*  
*release:*

*history (event, available, version, comments, hyperlink):*  
NP-16 2002-06-25 5 . 0 . 0

[get it](#)

**TS 24.085** **Closed User Group (CUG) Supplementary Service; Stage 3**

Rel-5 *current version: 5.0.0*  
*freeze\_meeting: NP-15*  
*remarks - general:*

N4 / - *rapporteur:* WIEHE, Ulrich  
*MCC:* KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software  
*remarks - this*  
*release:*

*history (event, available, version, comments, hyperlink):*  
NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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

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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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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 24.087 User-to-User Signaling (UUS); Stage 3

Rel-5

current version: 5.0.0

freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

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

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

---

## 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

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

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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

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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 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: BRUSS, J<sup>r</sup>g  
MCC: KYMALAINEN, Kimmo  
ERICSSON Eurolab Deutschland GmbH

remarks - this  
release:

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

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f<sub>r</sub> Kommunikations Software

remarks - this  
release:

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

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f<sub>r</sub> Kommunikations Software

remarks - this  
release:

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

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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

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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 24.096 Name Identification Supplementary Service; Stage 3

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
remarks - this  
release:

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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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 /  
G: U: yes

N4 / -  
remarks - this  
release:

rappporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo  
NTT COMMWARE Corporation

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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

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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: 5.10.0

freeze\_meeting: NP-16

WG (prime) / N1 / -

G: yes U: yes

rapporteur: KISS, Krisztian

MCC: JURISIC, Andrijana

remarks - this release:

Post NP-25: not to be upgraded to Rel-6/

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

NP-10	2001-01-05	0	1	0	NP-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>
draft		1	0	0	N1-17	
NP-12	2001-06-26	1	0	0	NP-010278	<a href="#">get it</a>
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>

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

# 3GPP specification status

TS 24.229  
Rel-5

Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

current version: 5.10.0

freeze\_meeting: NP-16

DRAGE, Keith

rapporteur:

JURISIC, Andrijana

Lucent Technologies Network Systems UK

remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS.

N1 / -  
remarks - this  
release:

WG (prime /  
G: yes U: yes

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

NP-10	0	0	0	6					<a href="#">get it</a>
NP-10	2001-01-05	0	0	7	N1-001115->1379 (NP-000684)				<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>



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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: 5.12.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this release:

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

RP-13	2001-10-03	5	0	0	<a href="#">get it</a>
RP-14	2002-01-14	5	1	0	<a href="#">get it</a>
RP-15	2002-03-29	5	2	0	<a href="#">get it</a>
RP-16	2002-07-01	5	3	0	<a href="#">get it</a>
RP-17	2002-10-04	5	4	0	<a href="#">get it</a>
RP-18	2003-01-10	5	5	0	<a href="#">get it</a>
RP-19	2003-04-04	5	6	0	<a href="#">get it</a>
RP-20	2003-06-27	5	7	0	<a href="#">get it</a>
RP-21	2003-10-10	5	8	0	<a href="#">get it</a>
RP-22	2004-01-23	5	9	0	<a href="#">get it</a>
RP-23	2004-04-01	5	10	0	<a href="#">get it</a>
RP-24	2004-06-24	5	11	0	<a href="#">get it</a>
RP-25	2004-09-30	5	12	0	<a href="#">get it</a>

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

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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) / R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

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

RP-15	2002-03-29	5	0	0	
editor post	RP-15	2002-04-15	5	0	1
	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

Fixes change history table entry.

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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) / R4 / - rapporteur: SK-LD, Johan Telefon AB LM Ericsson  
G: U: yes 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	2002-10-02	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

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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) / 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-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	2004-01-20	5	5	0	<a href="#">get it</a>
RP-24	2004-06-24	5	6	0	<a href="#">get it</a>

## TS 25.106 UTRA repeater radio transmission and reception

Rel-5  
current version: 5.8.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime) / R4 / -  
G: U: yes  
rapporteur: NILSSON, Martin  
MCC: GUTIERREZ MIGUELEZ, Cesar  
Indicate persons who left Company and wait for new One

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

RP-15	2002-03-29	5	0	0	
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-20	2003-06-27	5	5	0	<a href="#">get it</a>
RP-21	2003-10-10	5	6	0	<a href="#">get it</a>
RP-22	2004-01-20	5	7	0	<a href="#">get it</a>
RP-24	2004-06-24	5	8	0	<a href="#">get it</a>

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

# 3GPP specification status

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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 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5  
current version: 5.5.0  
freeze\_meeting: RP-15

WG (prime / U: yes) / R4 / -  
G: U: yes

rapporteur: BARNES, David DTI - Department of Trade and Industry  
MCC: 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>

## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-5  
current version: 5.10.0  
freeze\_meeting: RP-15

WG (prime / U: yes) / R4 / -  
G: U: yes

rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
MCC: 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

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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: 5.12.0  
freeze\_meeting: RP-15  
remarks - general:  
WG (prime / U: yes  
G: U: yes  
R4 / - remarks - this release:  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

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

RP-13	2001-10-10	5	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-17	5	.	1	.	0	<a href="#">get it</a>
RP-15	2002-03-29	5	.	2	.	0	<a href="#">get it</a>
RP-16	2002-07-04	5	.	3	.	0	<a href="#">get it</a>
RP-17	2002-10-04	5	.	4	.	0	<a href="#">get it</a>
RP-18	2003-01-10	5	.	5	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	6	.	0	<a href="#">get it</a>
RP-20	2003-07-02	5	.	7	.	0	<a href="#">get it</a>
RP-21	2003-10-10	5	.	8	.	0	<a href="#">get it</a>
RP-22	2004-01-23	5	.	9	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	10	.	0	<a href="#">get it</a>
RP-24	2004-06-24	5	.	11	.	0	<a href="#">get it</a>
RP-25	2004-09-30	5	.	12	.	0	<a href="#">get it</a>

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

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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) / R4 / -  
G: U: yes  
rapporteur: NAKAMURA, Takaharu Fujitsu Limited  
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) / R4 / -  
G: U: yes  
rapporteur: MEYER, Juergen SIEMENS AG  
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

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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 /  
G: U: yes

R4 / -  
remarks - this  
release:

rapporporteur: KUMMETZ, Thomas  
MCC: MIKOM GmbH - An Andrew Company  
GUTIERREZ MIGUELEZ, Cesar

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 /  
G: U: yes

R1 / -  
remarks - this  
release:

rapporporteur: GERSTENBERGER,  
MCC: ISHII, Yoshikazu  
Telefon AB LM Ericsson

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

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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) / 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

WG (prime) / R1 / -  
G: U: yes

rapporteur: MICHEL, J, rgen  
MCC: ISHII, Yoshikazu

SIEMENS AG

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



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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 / U: yes) 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):

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: 5.9.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) R1 / - rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)

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
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

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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 /

G: U: yes

R1 / -

rapporporteur:

SUZUKI, Hidetoshi

ISHII, Yoshikazu

MCC:

Panasonic Mobile Communications Co.,Ltd.

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 /

G: U: yes

R1 / -

rapporporteur:

CHAPMAN, Thomas

ISHII, Yoshikazu

MCC:

SIEMENS AG

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

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

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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 / U: yes) R1 / - rapporteur: BEALE, Martin  
G: U: yes MCC: ISHII, Yoshikazu  
IPWireless Inc.  
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-22 2004-01-14 5 . 6 . 0 [get it](#) Minor problems implementing CFRs.  
RP-25 2004-09-28 5 . 7 . 0 [get it](#) See readtime file.

## TS 25.223 Spreading and modulation (TDD)

Rel-5  
current version: 5.3.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) 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 [get it](#)  
RP-16 2002-06-28 5 . 1 . 0 [get it](#)  
RP-18 2003-01-07 5 . 2 . 0 [get it](#)  
RP-19 2003-04-04 5 . 3 . 0 [get it](#)

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

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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 / U: yes

G: RUDOLF, Marian  
ISHII, Yoshikazu

rapporteur:  
MCC:

R1 / -

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  
editorial to correct 2002-10-22 5 . 2 . 1  
clause numbers  
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-25 2004-09-28 5 . 8 . 0

## TS 25.225 Physical layer; Measurements (TDD)

Rel-5 current version: 5.7.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes

G: CZAPLA, Liliana  
ISHII, Yoshikazu

rapporteur:  
MCC:

R1 / -

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 2002-09-27 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-22 2004-01-14 5 . 6 . 0  
RP-23 2004-04-02 5 . 7 . 0

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

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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 /

G: U: yes

R2 / -

rapporporteur: EKEMARK, Sven

MCC: ARZELIER, Claude

Telefon AB LM Ericsson

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

remarks - this  
release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## 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 /

G: U: yes

R2 / -

rapporporteur: MIHAILESCU, Claudiu

MCC: ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

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

remarks - this  
release:

[get it](#)

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

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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: 5.1.0

freeze\_meeting: RP-15

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: MIKOLA, Juha

MCC: ARZELIER, Claude

NOKIA Corporation

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

[get it](#)

[get it](#)

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-5 current version: 5.6.0

freeze\_meeting: RP-15

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: BARRETO, Luis

MCC: ARZELIER, Claude

NOKIA Corporation

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 2003-01-08 5 . 2 . 0

RP-20 2003-06-25 5 . 3 . 0

RP-23 2004-03-24 5 . 4 . 0

RP-24 2004-06-17 5 . 5 . 0

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

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

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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 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-5 WG (prime) / R2 / - MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes

rapporporteur:

ARZELIER, Claude

MCC:

remarks - this release:

remarks - general: Created from 25.923

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

RP-11	2001-03-27	5	.	0	.	0		<a href="#">get it</a>
RP-12	2001-06-19	5	.	1	.	0		<a href="#">get it</a>
RP-13	2001-10-02	5	.	2	.	0		<a href="#">get it</a>
RP-14	2002-01-04	5	.	3	.	0		<a href="#">get it</a>
RP-15	2002-03-19	5	.	4	.	0		<a href="#">get it</a>
RP-19	2003-03-25	5	.	5	.	0		<a href="#">get it</a>
RP-20	2003-06-20	5	.	6	.	0		<a href="#">get it</a>
RP-21	2003-10-02	5	.	7	.	0		<a href="#">get it</a>
RP-22	2004-01-12	5	.	8	.	0		<a href="#">get it</a>
RP-24	2004-06-17	5	.	9	.	0		<a href="#">get it</a>

## TS 25.306 UE Radio Access capabilities definition

Rel-5 WG (prime) / R2 / - BERGGREN, Anders Ericsson Incorporated

G: U: yes

rapporporteur:

ARZELIER, Claude

MCC:

remarks - this release:

remarks - general: Converted from TR 25.926 at TSG#10.

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-17	2002-09-18	5	.	2	.	0		<a href="#">get it</a>
RP-18	2003-01-08	5	.	3	.	0		<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0		<a href="#">get it</a>
RP-20	2003-06-20	5	.	5	.	0		<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0		<a href="#">get it</a>
RP-22	2004-01-12	5	.	7	.	0		<a href="#">get it</a>
RP-23	2004-03-24	5	.	8	.	0		<a href="#">get it</a>

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

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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 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-5 / R2 / R4 / R4  
WG (prime) / FAUCONNIER, Denis / NORTEL NETWORKS (EUROPE)  
G: ARZELIER, Claude  
U: yes  
freeze\_meeting: RP-15  
remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.  
MCC: Expect continual updates each time a new band is allowed.  
remarks - this release:

### 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 / R2 / R4  
WG (prime) / KUCHIBHOTLA, Ravi / MOTOROLA Ltd  
G: ARZELIER, Claude  
U: yes  
freeze\_meeting: RP-15  
remarks - general: TS created from entrails of TR 25.855.  
MCC: .  
remarks - this release:

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

RP-13	2001-10-01	0	.	1	.	0	<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>

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



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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: 5.9.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) 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	<a href="#">get it</a>
RP-16	2002-06-17	5	. 1	. 0	<a href="#">get it</a>
RP-17	2002-09-18	5	. 2	. 0	<a href="#">get it</a>
RP-18	2003-01-08	5	. 3	. 0	<a href="#">get it</a>
RP-19	2003-03-25	5	. 4	. 0	<a href="#">get it</a>
RP-20	2003-06-20	5	. 5	. 0	<a href="#">get it</a>
RP-21	2003-10-02	5	. 6	. 0	<a href="#">get it</a>
RP-22	2004-01-12	5	. 7	. 0	<a href="#">get it</a>
RP-23	2004-03-24	5	. 8	. 0	<a href="#">get it</a>
RP-24	2004-06-17	5	. 9	. 0	<a href="#">get it</a>

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5  
current version: 5.8.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) R2 / -  
G: U: yes  
rapporteur: MADELAINE,  
MCC: ARZELIER, Claude  
PHILIPS CONSUMER COMMUNICATION  
remarks - this release:

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-17	2002-09-19	5	. 2	. 0	<a href="#">get it</a>
RP-18	2003-01-10	5	. 3	. 0	<a href="#">get it</a>
RP-19	2003-03-25	5	. 4	. 0	<a href="#">get it</a>
RP-20	2003-06-20	5	. 5	. 0	<a href="#">get it</a>
RP-21	2003-10-02	5	. 6	. 0	<a href="#">get it</a>
RP-22	2004-01-12	5	. 7	. 0	<a href="#">get it</a>
RP-24	2004-06-17	5	. 8	. 0	<a href="#">get it</a>

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

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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 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5  
current version: 5.2.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime /

G: U: yes

R2 / -

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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## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5  
current version: 5.4.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime /

G: U: yes

R2 / -

rapporteur: 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

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

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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: 5.10.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes

G: KUCHIBHOTLA, Ravi

R2 / -

rapporteur: ARZELIER, Claude

MOTOROLA Ltd

MCC: .  
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	<a href="#">get it</a>	
RP-17	2002-10-01	5	2	0	<a href="#">get it</a>	
RP-18	2003-02-03	5	3	0	<a href="#">get it</a>	
RP-19	2003-03-27	5	4	0	<a href="#">get it</a>	
RP-20	2003-06-25	5	5	0	<a href="#">get it</a>	
RP-21	2003-10-02	5	6	0	<a href="#">get it</a>	
RP-22	2004-01-12	5	7	0	<a href="#">get it</a>	
edito post	RP-22	2004-01-20	5	7	1	<a href="#">get it</a>

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

RP-23	2004-03-29	5	8	0	<a href="#">get it</a>
RP-24	2004-07-01	5	9	0	<a href="#">get it</a>
RP-25	2004-09-27	5	10	0	<a href="#">get it</a>

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

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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 / R3 / - rapporteur: GODIN, Philippe NORTEL NETWORKS (EUROPE)  
G: U: yes CALDENHOVEN, Juergen  
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 / R3 / - rapporteur: KUNZ, Walter SIEMENS AG  
G: U: yes 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
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

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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 / U: yes) R3 / -  
G: 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 / U: yes) R3 / -  
G: 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

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## TS 25.412 UTRAN lu interface signalling transport

Rel-5  
current version: 5.1.0  
freeze\_meeting: RP-15

WG (prime / U: yes) R3 / -  
G: 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

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

R3 / - rapporteur: GUYOT, Olivier NOKIA Corporation

MCC: CALDENHOVEN, Juergen

remarks - this release:

WG (prime /

G: U: yes

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

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-07-05	5	.	1	.	0
RP-17	2002-10-11	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-21	2003-09-30	5	.	6	.	0
RP-22	2004-01-13	5	.	7	.	0
RP-23	2004-04-01	5	.	8	.	0
RP-24	2004-06-21	5	.	9	.	0
RP-25	2004-09-24	5	.	10	.	0

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## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-5 current version: 5.7.0

freeze\_meeting: RP-15

remarks - general:

R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

MCC: CALDENHOVEN, Juergen

remarks - this release:

WG (prime /

G: U: yes

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

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-30	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-19	2003-03-26	5	.	4	.	0
RP-22	2004-01-13	5	.	5	.	0
RP-24	2004-06-18	5	.	6	.	0
RP-25	2004-09-24	5	.	7	.	0

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

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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 / R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson  
G: U: yes 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

## 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 / R3 / - rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc  
G: U: yes 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

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

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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 / U: yes) 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-15 2002-04-02 5 . 0 . 0  
RP-17 2002-10-03 5 . 1 . 0  
RP-24 2004-06-18 5 . 2 . 0

## TS 25.421 UTRAN Iur interface Layer 1

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) R3 / -  
G: 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

## TS 25.422 UTRAN Iur interface signalling transport

Rel-5  
current version: 5.1.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) 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-15 2002-04-02 5 . 0 . 0  
RP-17 2002-10-03 5 . 1 . 0

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



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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 WG (prime) / R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson  
freeze\_meeting: RP-15 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	2002-07-19	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	

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## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-5 WG (prime) / R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.  
freeze\_meeting: RP-15 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-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

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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 / 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
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 25.426 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 / 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
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-10-03	5	.	2	.	0
RP-21	2003-09-30	5	.	3	.	0
RP-23	2004-04-01	5	.	4	.	0
RP-24	2004-06-18	5	.	5	.	0
RP-25	2004-09-24	5	.	6	.	0

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

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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

Rel-5 current version: 5.3.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes  
G: U: yes

R3 / - 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	<a href="#">get it</a>
RP-18	2003-01-03	5	1	0	<a href="#">get it</a>
RP-21	2003-09-30	5	2	0	<a href="#">get it</a>
RP-22	2004-01-13	5	3	0	<a href="#">get it</a>

## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-5 current version: 5.4.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes  
G: U: yes

R3 / - rapporteur: KOIZUMI, Yoshiko Fujitsu Limited

MCC: CALDENHOVEN, Juergen

remarks - this release:

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

RP-15	2002-03-25	5	0	0	<a href="#">get it</a>
edito post RP-15		5	0	1	not produced
RP-16	2002-06-28	5	1	0	<a href="#">get it</a>
					To include CR029r2 from RP-15 which was forgotten in v5.0.0.
RP-17	2002-10-03	5	2	0	<a href="#">get it</a>
RP-24	2004-06-18	5	3	0	<a href="#">get it</a>
RP-25	2004-09-24	5	4	0	<a href="#">get it</a>

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

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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 25.431 UTRAN lub interface Layer 1

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

remarks - general:

WG (prime /  
G: U: yes

R3 / -

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

[get it](#)

## TS 25.432 UTRAN lub interface: signalling transport

Rel-5 current version: 5.1.0

freeze\_meeting: RP-15

remarks - general:

WG (prime /  
G: U: yes

R3 / -

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 acces; U = required in systems with UMTS

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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: 5.10.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) R3 / - remarks - this release:  
G: U: yes  
rapporteur: SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG  
MCC: CALDENHOVEN, Juergen

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

RP-15	2002-04-04	5	.	0	.	0	2003-08-18: implementation error of CR6091r1. Will be corrected RP-21.	<a href="#">get it</a>
RP-16	2002-07-19	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	2003-03-31	5	.	4	.	0		<a href="#">get it</a>
RP-20	2003-06-17	5	.	5	.	0		<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0		<a href="#">get it</a>
RP-22	2004-01-22	5	.	7	.	0		<a href="#">get it</a>
RP-23	2004-04-01	5	.	8	.	0		<a href="#">get it</a>
RP-24	2004-06-23	5	.	9	.	0		<a href="#">get it</a>
RP-25	2004-09-28	5	.	10	.	0		<a href="#">get it</a>

## 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 / U: yes) R3 / - remarks - this release:  
G: U: yes  
rapporteur: LAVASANI, Shahab TeliaSonera AB  
MCC: CALDENHOVEN, Juergen

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-21	2003-09-30	5	.	2	.	0		<a href="#">get it</a>
RP-22	2004-01-13	5	.	3	.	0		<a href="#">get it</a>
RP-23	2004-04-01	5	.	4	.	0		<a href="#">get it</a>

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

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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

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)

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
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

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: HAUSER, Alexander

MCC: CALDENHOVEN, Juergen

Indicate persons who left Company and wait for new  
One

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

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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  
current version: 5.1.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime) /  
G: U: yes

R3 / rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

remarks - this  
release:

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

RP-12 2 . 0 . 0 RP-010400  
RP-12 2001-07-05 5 . 0 . 0  
RP-14 2002-01-11 5 . 1 . 0

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## TS 25.451 UTRAN lupo interface layer 1

Rel-5  
current version: 5.0.1  
freeze\_meeting: RP-15

remarks - general:

R3 / rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

remarks - this  
release:

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

RP-12 2 . 0 . 0 RP-010401  
RP-12 2001-07-05 5 . 0 . 0  
correction to 2002-04-24 5 . 0 . 1  
history table

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[get it](#)

## TS 25.452 UTRAN lupo interface: signalling transport

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

remarks - general:

R3 / rapporteur: JOLLEY, Vincent  
MCC: CALDENHOVEN, Juergen

remarks - this  
release:

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

RP-13 2001-09-26 2 . 0 . 0 RP-010640  
RP-13 2001-10-12 5 . 0 . 0

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

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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 lupo interface Positioning Calculation Application Part (PCAP) signalling

Rel-5 current version: 5.9.0

freeze\_meeting: RP-15

remarks - general:

R3 / rapporteur: JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.

MCC: CALDENHOVEN, Juergen

U: yes  
remarks - this release:

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

RP-12	2	0	0	0	RP-010402
RP-12	2001-07-05	5	0	0	<a href="#">get it</a>
RP-13	2001-10-12	5	1	0	<a href="#">get it</a>
RP-14	2002-01-11	5	2	0	<a href="#">get it</a>
RP-15	2002-03-25	5	3	0	<a href="#">get it</a>
RP-16	2002-06-28	5	4	0	<a href="#">get it</a>
RP-19	2003-03-26	5	5	0	<a href="#">get it</a>
RP-20	2003-06-17	5	6	0	<a href="#">get it</a>
RP-21	2003-09-30	5	7	0	<a href="#">get it</a>
RP-22	2004-01-13	5	8	0	<a href="#">get it</a>
RP-23	2004-04-06	5	9	0	<a href="#">get it</a>

## TR 25.854 Uplink Synchronous Transmission Scheme (USTS)

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

remarks - general:

R1 / rapporteur: KIM, Duk Kyung SK TELECOM

MCC: ISHII, Yoshikazu

U: yes  
remarks - this release:

WG (prime /

G: U: yes

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	<a href="#">get it</a>

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



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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

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

R1 / - rapporteur: GHOSH, Amitabha  
MCC: ISHII, Yoshikazu  
Motorola Inc.

remarks - this release:

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

RP-14 2002-01-02 1 . 0 . 0 RP-010823 [get it](#)  
RP-15 2002-04-04 2 . 0 . 0 RP-020255 [get it](#)  
RP-15 2002-03-29 5 . 0 . 0 [get it](#)

## TR 25.859 User Equipment (UE) positioning enhancements for 1,28 Mcps TDD

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

R2 / rapporteur: N, A

Indicate persons who left Company and wait for new One  
MCC: ARZELIER, Claude

remarks - general:

remarks - this release:

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

draft 0 . 0 . 0  
draft 2001-09-04 0 . 1 . 0  
RP-13 2001-10-02 1 . 0 . 1 RP-010560  
RP-15 2002-03-19 2 . 0 . 0 RP-020089  
RP-15 2002-03-19 2 . 0 . 1 RP-020214  
RP-15 2002-03-19 5 . 0 . 0

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

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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 25.860 Radio access bearer support enhancements

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

remarks - general:

WG (prime / U: yes) R2 / - rapporteur: MIKOLA, Juha

G: U: yes 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

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## 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 / U: yes) R1 / - rapporteur: HU, Jinling

G: U: yes 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 2002-04-15 5 . 0 . 1

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

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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

remarks - general:

WG (prime /  
G: U: yes

R1 /  
remarks - this  
release:

rappporteur: KIM, Jaeyoel  
MCC: ISHII, Yoshikazu

Samsung Electronics Ind. Co., Ltd.

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

remarks - general:

WG (prime /  
G: U: yes

R3 /  
remarks - this  
release:

rappporteur: MCWILLIAMS, Brendan  
MCC: CALDENHOVEN, Juergen

VODAFONE Group Plc

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

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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) - Iub/Iur Protocol Aspects

Rel-5 WG (prime) / R3 / U: yes  
G: U: yes

rapporteur: DIESEN, Michael  
MCC: CALDENHOVEN, Juergen

MOTOROLA Ltd

remarks - general:  
freeze\_meeting: RP-15  
remarks - this release:

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

draft	2001-10-12	0	1	0	<a href="#">get it</a>
draft	2001-11-07	0	2	2	<a href="#">get it</a>
draft	2002-01-02	0	3	1	<a href="#">get it</a>
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	<a href="#">get it</a>
RP-16	2002-06-28	5	1	0	<a href="#">get it</a>

## TR 25.878 RL timing adjustment

Rel-5 WG (prime) / R3 / U: yes  
G: U: yes

rapporteur: VOLTOLINA, Elena Eva  
MCC: CALDENHOVEN, Juergen

Telefon AB LM Ericsson

remarks - general:  
freeze\_meeting: RP-15  
remarks - this release:

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

RP-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	<a href="#">get it</a>
RP-16	2002-06-28	5	1	0	<a href="#">get it</a>

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

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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 25.879 Separation of resource reservation and radio link activation

current version: 5.0.0

freeze\_meeting: RP-15

WG (prime / R3 / rapporteur: VAN LIESHOUT, Gert- SAMSUNG Electronics Research Institute

Jan

CALDENHOVEN, Juergen

MCC:

G: U: yes

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	
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	

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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  
release:

WG (prime) / R3 / rapporteur: HAUTALA, Jari NOKIA Corporation

G: U: yes MCC: CALDENHOVEN, Juergen

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	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

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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

Rel-5 WG (prime) / R3 / rapporteur: HWANG, Woonhee NOKIA Corporation  
freeze\_meeting: RP-15 G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

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

R3-23	0	2	0	Status report in RP-010611	
draft	0	4	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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[get it](#)  
[get it](#)

## TR 25.882 1,28 Mcps TDD option base station classification

Rel-5 WG (prime) / R4 / rapporteur: MEYER, Juergen SIEMENS AG  
freeze\_meeting: RP-15 G: U: yes 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

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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

remarks - general:

WG (prime / R3 / rapporteur: VAN LIESHOUT, Gert- SAMSUNG Electronics Research Institute  
Jan  
CALDENHOVEN, Juergen  
G: U: yes  
MCC:  
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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[get it](#)  
[get it](#)

## TR 25.884 Iur Neighbouring cell reporting efficiency optimisation

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-16

remarks - general: Previous rapporteur: Shahrokh Amirjoo.

WG (prime / R3 / rapporteur: VOLTOLINA, Elena Eva Telefon AB LM Ericsson  
G: U: yes  
MCC:  
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



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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 WG (prime) / U: yes  
freeze\_meeting: RP-15

G: NOKIA Corporation

rapporteur: BARRETO, Luis  
MCC: ARZELIER, Claude

R2 / -  
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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[get it](#)  
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## TR 25.922 Radio resource management strategies

Rel-5 current version: 5.3.0  
freeze\_meeting: RP-15

WG (prime) / U: yes  
G: Philips Research Laboratories

rapporteur: HUS, Olivier  
MCC: ARZELIER, Claude

R2 / -  
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

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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 25.931 UTRAN Functions, examples on signalling procedures

Rel-5  
freeze\_meeting: RP-15

WG (prime / R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.

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

## TR 25.933 IP transport in UTRAN

Rel-5  
freeze\_meeting: RP-15

WG (prime / R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:  
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 / R4 / - rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general: Additional rapporteur = A.De Pasquale.  
remarks - this release:

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

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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** **Deployment aspects**  
Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*remarks - general:*

WG (prime / U: yes) R4 / - rapporteur: SK÷ LD, Johan Telefon AB LM Ericsson  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*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 RF requirements for low chip rate TDD option

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*remarks - general:*

WG (prime / U: yes) R4 / - rapporteur: ZHANG, Daijun China Academy of Telecommunications Technology  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*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 Base Station classification (TDD)

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15  
*remarks - general:*

WG (prime / U: yes) R4 / - rapporteur: AXNESS, Timothy INTERDIGITAL COMMUNICATIONS  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*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

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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 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-5  
current version: 5.0.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime /  
G: U: yes

R4 / -

rappporteur: GARCIA LOPEZ TELEFONICA S.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this  
release:

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

RP-15 2002-04-02 5 . 0 . 0

[get it](#)

## TR 25.991 Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment

Rel-5  
current version: 5.1.0  
freeze\_meeting: RP-15

remarks - general:

WG (prime /  
G: U: yes

R4 /

rappporteur: MOSHAVI, Shimon INTEL CORPORATION SARL  
MCC: GUTIERREZ MIGUELEZ, Cesar

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

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

## TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: U: yes

R2 /

rappporteur: 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 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

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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 UTRAN to overcome early User Equipment (UE) implementation faults  
Rel-5 current version: 0.0.0 / R1, rapporteur: COURAU, FranAois ALCATEL S.A.  
freeze\_meeting: SP-15 R3, R4

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](#)

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**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, rapporteur: COURAU, FranAois ALCATEL S.A.  
freeze\_meeting: SP-15 R3, R4

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

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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 /  
G: yes U: yes  
S4 / -  
rapporteur: EKUDDEN, Erik  
USAI, Paolino  
MCC:  
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 /  
G: yes U: yes  
S4 / -  
rapporteur: EKUDDEN, Erik  
USAI, Paolino  
MCC:  
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

Note missing C-code line in CR which  
created this version has been corrected  
by WG Secretary.

SP-23 2004-04-01 5 . 3 . 0

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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 /  
G: yes U: yes  
S4 / -  
rapporteur: EKUDDEN, Erik  
USAI, Paolino  
MCC:  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 26.077** 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: U: yes  
WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
correct spelling 2003-06-17 5 . 0 . 1 No SDO publication necessary  
mistake in title [get it](#)

**TS 26.090** AMR speech Codec; Transcoding Functions  
Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
Telefon AB LM Ericsson  
remarks - general: U: yes  
WG (prime / S4 / - rapporteur: EKJUDDEN, Erik  
G: yes U: yes MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

**TS 26.091** AMR speech Codec; Error concealment of lost frames  
Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
Telefon AB LM Ericsson  
remarks - general: U: yes  
WG (prime / S4 / - rapporteur: EKJUDDEN, Erik  
G: yes U: yes MCC: USAI, Paolino  
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

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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 / G: yes U: yes)  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

S4 / - 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 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-5 WG (prime / G: yes U: yes)  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

S4 / - 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-17 2002-09-24 5 . 1 . 0  
SP-18 2003-01-03 5 . 2 . 0

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[get it](#)  
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## TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels

Rel-5 WG (prime / G: yes U: yes)  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

S4 / - 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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G = required in systems with GERAN access; U = required in systems with UMTS



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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 26.101

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 /

G: U: yes

rapporteur: HAGQVIST, Jari

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

S4 / -  
remarks - this  
release:

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

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

## 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 /

G: yes U: yes

rapporteur: NAVARRO, William

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general:

S4 / -  
remarks - this  
release:

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

SP-16 2002-06-28 5 . 0 . 0

SP-18 2003-01-03 5 . 1 . 0

SP-19 2003-04-04 5 . 2 . 0

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## TS 26.103

Rel-5

**Speech codec list for GSM and UMTS**

current version: 5.5.0

freeze\_meeting: SP-15

WG (prime /

G: yes U: yes

rapporteur: HELLMIG, Karl

MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general: New after TSG#5

S4 / -  
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

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

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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 26.104 ANSIC code for the floating-point Adaptive Multi-Rate (AMR) speech codec

Rel-5 WG (prime) / U: yes  
G: yes U: yes

TELECOM ITALIA S.p.A.

USAI, Paolino  
USAI, Paolino

rapporteur:  
MCC:

S4 / -

remarks - this  
release:

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

SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
SP-19 2003-04-04 5 . 1 . 0 [get it](#)  
SP-20 2003-06-25 5 . 2 . 0 [get it](#)  
SP-22 2004-01-06 5 . 3 . 0 [get it](#)  
SP-23 2004-04-01 5 . 4 . 0 [get it](#)

## TS 26.110 Codec for circuit switched multimedia telephony service; General description

Rel-5 WG (prime) / U: yes  
G: yes U: yes

TOSHIBA CO

ARONSON, Barry  
USAI, Paolino

rapporteur:  
MCC:

S4 / -

remarks - this  
release:

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

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

Rel-5 WG (prime) / U: yes  
G: yes U: yes

TOSHIBA CO

ARONSON, Barry  
USAI, Paolino

rapporteur:  
MCC:

S4 / -

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](#)

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

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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 26.115 Echo control for speech and multi-media services

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: U: yes

TELECOM ITALIA S.p.A.

rapporteur: USAI, Paolino  
MCC: USAI, Paolino

S4 / -

remarks - this  
release:

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

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-5  
current version: 5.2.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: U: yes

TELLABS OPERATIONS INC.

rapporteur: GOETZ, Ian  
MCC: USAI, Paolino

S4 / -

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

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

## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-5  
current version: 5.4.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: U: yes

TELLABS OPERATIONS INC.

rapporteur: GOETZ, Ian  
MCC: USAI, Paolino

S4 / -

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

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

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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

WG (prime /  
G: yes U: yes

S4 / T2 rapporteur: CASTAGNO, Roberto  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general: *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	

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

## TS 26.171 AMR speech codec, wideband; General description

WG (prime /  
G: yes U: yes

S4 / - rapporteur: EKJUDDEN, Erik  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general: *remarks - this release:*

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

SP-10		1	.	0	.	0	
SP-11	2001-04-10	5	.	0	.	0	

[get it](#)

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

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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 WG (prime / G:yes U:yes)  
freeze\_meeting: SP-15

remarks - general: 2001-10-01: added "G" flag.

S4 / - rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - this release:

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

SP-11	2001-04-10	5	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-27	5	.	1	.	0		<a href="#">get it</a>
edito	2001-06-27	5	.	1	.	1		<a href="#">get it</a>
SP-13	2001-10-02	5	.	2	.	0		<a href="#">get it</a>
SP-14	2002-01-09	5	.	3	.	0		<a href="#">get it</a>
SP-15	2002-03-28	5	.	4	.	0		<a href="#">get it</a>
SP-18	2003-01-03	5	.	5	.	0		<a href="#">get it</a>
SP-19	2003-04-04	5	.	6	.	0		<a href="#">get it</a>
SP-20	2003-06-25	5	.	7	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	7	.	1	Includes C-code!	<a href="#">get it</a>
SP-21	2003-10-01	5	.	8	.	0		<a href="#">get it</a>

## TS 26.174 AMR speech codec, wideband; Test sequences

Rel-5 WG (prime / G:yes U:yes)

freeze\_meeting: SP-15

remarks - general:

S4 / - rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - this release:

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

SP-11	2001-04-10	5	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-27	5	.	1	.	0		<a href="#">get it</a>
correction to test sequences	2001-11-12	5	.	1	.	1		<a href="#">get it</a>
SP-14	2002-01-09	5	.	2	.	0		<a href="#">get it</a>
SP-15	2002-03-28	5	.	3	.	0		<a href="#">get it</a>
SP-18	2003-01-03	5	.	4	.	0		<a href="#">get it</a>

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

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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 26.190

Rel-5

### Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions

WG (prime / S4 / - rapporteur: VACANT,  
G: yes U: yes 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

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

## TS 26.191

Rel-5

### AMR speech codec, wideband; Error concealment of lost frames

WG (prime / S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes 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

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

## TS 26.192

Rel-5

### Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects

WG (prime / S4 / - rapporteur: VACANT,  
G: yes U: yes MCC: USAI, Paolino

remarks - general:

remarks - this  
release:

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

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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

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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** **AMR speech codec, wideband; Source Controlled Rate operation**  
Rel-5  
WG (prime / G: yes U: yes)  
freeze\_meeting: SP-15  
remarks - general:

S4 / -  
rappporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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**TS 26.194** **Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)**  
Rel-5  
WG (prime / G: yes U: yes)  
freeze\_meeting: SP-15  
remarks - general:

S4 / -  
rappporteur: VACANT,  
MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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**TS 26.201** **AMR speech codec, wideband; Frame structure**  
Rel-5  
WG (prime / G: yes U: yes)  
freeze\_meeting: SP-15  
remarks - general:

S4 / -  
rappporteur: HAGQVIST, Jari  
MCC: USAI, Paolino  
NOKIA Corporation  
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

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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 AMR speech codec; wideband; Interface to lu and Uu

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / S4 / - rapporteur: NAVARRO, William  
G: yes U: yes USAI, Paolino  
MCC: NORTEL NETWORKS (EUROPE)

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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[get it](#)

## TS 26.204 ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec

Rel-5  
current version: 5.2.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / S4 / rapporteur: N, A  
G: yes U: yes USAI, Paolino  
MCC: Indicate persons who left Company and wait for new  
One

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

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



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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  
current version: 5.0.0  
freeze\_meeting: SP-15  
WG (prime / G: yes U: yes)  
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".  
S4 / - rapporteur: HELLSTROM, Gunnar Omnitor AB  
MCC: USAI, Paolino  
TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4.  
remarks - this release:

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  
current version: 5.0.2  
freeze\_meeting: SP-15  
WG (prime / G: yes U: yes)  
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  
S4 / - rapporteur: HELLSTROM, Gunnar Omnitor AB  
MCC: USAI, Paolino  
TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4  
remarks - this release:

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 Global text telephony (GTT); Cellular text telephone modem minimum performance requirements

Rel-5  
current version: 5.2.0  
freeze\_meeting: SP-15  
WG (prime / G: yes U: yes)  
remarks - general: SP-16: in "GERAN" set.  
S4 / - rapporteur: HELLSTROM, Gunnar Omnitor AB  
MCC: USAI, Paolino  
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](#)

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

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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 26.233 End-to-end transparent streaming service; General description

Rel-5 current version: 5.0.0

freeze\_meeting: SP-15

remarks - general:

WG (prime /

G: U: yes

S4 / - rapporteur: HONKO, Harri

MCC: USAI, Paolino

NOKIA Corporation

remarks - this release:

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

SP-15 2002-03-28 5 . 0 . 0

[get it](#)

## TS 26.234 Transparent end-to-end streaming service; Protocols and codecs

Rel-5 current version: 5.6.0

freeze\_meeting: SP-15

remarks - general:

WG (prime /

G: U: yes

S4 / - rapporteur: FRANCESCHI, Olle

MCC: USAI, Paolino

Nippon Ericsson K.K.

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

remarks - general:

WG (prime /

G: yes U: yes

S4 / - rapporteur: OJALA, Pasi

MCC: USAI, Paolino

Nokia Research Center

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

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

reporteur: Nokia Research Center

OJALA, Pasi  
USAI, Paolino

S4 / -

reporteur:  
MCC:

remarks - this  
release:

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

SP-14	2002-01-02	1	0	0	0	SP-010694
SP-15	2002-03-19	2	0	0	0	SP-020074
SP-15	2002-03-28	5	0	0	0	
SP-18	2003-01-03	5	1	0	0	
SP-19	2003-04-04	5	2	0	0	
SP-20	2003-06-25	5	3	0	0	
SP-21	2003-10-01	5	4	0	0	
SP-24	2004-06-18	5	5	0	0	

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## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

Rel-5  
WG (prime) / U: yes  
G: yes U: yes

reporteur: Nokia Research Center

HAAVISTO, Petri  
USAI, Paolino

S4 / -

reporteur:  
MCC:

remarks - this  
release:

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

SP-16	2002-06-28	5	0	0	0	
SP-19	2003-04-04	5	1	0	0	

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

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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 26.937** **Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model**  
Rel-5 *WG (prime) / S4 / -* *rapporteur: VARSÁ, Viktor* Nokia Telecommunications Inc.  
G: *U: yes* *MCC: USAI, Paolino*  
*remarks - this* 2003-01-14: WG Secretary reports that this TS should be approved at SP-19. SP-  
*release:* 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**

Rel-5 *WG (prime) / S4 / -* *rapporteur: EKUDDEN, Erik* Telefon AB LM Ericsson  
G: *yes U: yes* *MCC: USAI, Paolino*

*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

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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

Rel-5  
current version: 5.1.0  
freeze\_meeting: NP-16  
remarks - general: Cf 26.975.

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

rapporteur: VAINIO, Janne  
USAI, Paolino

NOKIA Corporation

remarks - this  
release:

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

draft	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

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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

Rel-5  
General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)  
WG (prime) /  
G: yes U: yes

N3 / -  
rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - general:

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

Rel-5  
Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities  
WG (prime) /  
G: yes U: yes

N3 / -  
rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - general:

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

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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  
WG (prime / N3 / -  
G: yes U: yes  
freeze\_meeting: NP-15  
remarks - general:  
current version: 5.0.0  
HUSLENDE, Ragnar  
HAN, Seung Don  
Telefon AB LM Ericsson  
rapporteur:  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
NP-14 2002-01-11 5 . 0 . 0

[get it](#)

---

## TS 27.005 Use of Data Terminal Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-5  
WG (prime / T2 / -  
G: yes U: yes  
freeze\_meeting: TP-15  
remarks - general:  
current version: 5.0.0  
HARRIS, Ian  
RODERMUND, Friedhelm  
Research In Motion Limited  
rapporteur:  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
TP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 27.007 AT command set for User Equipment (UE)

Rel-5  
WG (prime / T2 / -  
G: yes U: yes  
freeze\_meeting: TP-15  
remarks - general:  
current version: 5.4.0  
VOTE, Nicola  
RODERMUND, Friedhelm  
NTT DoCoMo Inc.  
rapporteur:  
MCC:  
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

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

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

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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 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

WG (prime /

current version: 5.0.0

freeze\_meeting: TP-15

T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this release:

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

TP-16 2002-06-26 5 . 0 . 0 [get it](#)

## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

WG (prime /

current version: 5.6.0

freeze\_meeting: NP-15

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: yes

MCC: HAN, Seung Don

remarks - general: GPRS

remarks - this release:

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

NP-14 2002-01-11 5 . 0 . 0 [get it](#)  
NP-16 2002-06-24 5 . 1 . 0 [get it](#)  
NP-17 2002-09-17 5 . 2 . 0 [get it](#)  
NP-18 2003-01-09 5 . 3 . 0 [get it](#)  
NP-20 2003-06-23 5 . 4 . 0 [get it](#)  
NP-21 2003-10-01 5 . 5 . 0 [get it](#)  
NP-22 2004-01-13 5 . 6 . 0 [get it](#)

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



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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 27.103 Wide Area Network Synchronization

Rel-5  
current version: 5.0.0  
freeze\_meeting: TP-15

remarks - general:

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: yes  
MCC: RODERMUND, Friedhelm  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
TP-16 2002-06-26 5 . 0 . 0 [get it](#)

## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-5  
current version: 5.0.0  
freeze\_meeting: TP-15

remarks - general:

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: U: yes  
MCC: RODERMUND, Friedhelm  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
TP-16 2002-06-26 5 . 0 . 0 [get it](#)

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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

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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: 5.4.0  
freeze\_meeting: SP-15  
remarks - general: Transfer>TSG#4

WG (prime) / S4 / -  
G: yes U: yes  
rapporteur: SUERBAUM, Clemens SIEMENS AG  
MCC: USAI, Paolino

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-21	2003-10-03	5	.	4	.	0

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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

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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

remarks - general:

WG (prime / 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-14	2002-01-18	5	0	0	<a href="#">get it</a>
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>
Correct dangling connector in SDL	2003-07-07	5	6	1	<a href="#">get it</a>
Mention of some CFs had been omitted from change history table	2003-07-15	5	6	2	<a href="#">get it</a>
NP-21	2003-10-09	5	7	0	<a href="#">get it</a>
NP-22	2004-01-13	5	8	0	<a href="#">get it</a>
NP-23	2004-03-23	5	9	0	<a href="#">get it</a>
NP-24	2004-06-17	5	10	0	<a href="#">get it</a>

delayed availability due to complexity of changes

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

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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 / N3 / -

rappporteur: BELLING, Thomas

SIEMENS AG

MCC: HAN, Seung Don

G: yes U: yes

remarks - general:  
remarks - this release:

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

NP-14	2002-01-11	5	.	0	.	0		<a href="#">get it</a>
NP-15	2002-03-20	5	.	1	.	0		<a href="#">get it</a>
NP-16	2002-06-28	5	.	2	.	0		<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	2004-01-22	5	.	8	.	0		<a href="#">get it</a>
NP-23	2004-03-22	5	.	9	.	0		<a href="#">get it</a>
NP-24	2004-06-18	5	.	10	.	0		<a href="#">get it</a>

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

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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 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System (BSS - MCS)

Rel-5 current version: Signalling Procedures and the Mobile Application Part (MAP) N4  
TeliaSonera AB  
5.7.0WG (prime / -)  
rapporteur: KYMALAINEN, Kimmo

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	<a href="#">get it</a>
NP-17	2002-09-18	5	1	0	<a href="#">get it</a>
NP-18	2003-01-07	5	2	0	<a href="#">get it</a>
NP-20	2003-06-27	5	3	0	<a href="#">get it</a>
Implemented CR	2003-07-04	5	3	1	<a href="#">get it</a>
29.010-090					
removed					
NP-21	2003-10-09	5	4	0	<a href="#">get it</a>
NP-22	2004-01-12	5	5	0	<a href="#">get it</a>
NP-23	2004-03-23	5	6	0	<a href="#">get it</a>
NP-25	2004-09-30	5	7	0	<a href="#">get it</a>

## TS 29.011 Signalling Interworking for Supplementary Services

Rel-5 current version: 5.0.0  
freeze\_meeting: NP-15  
remarks - general: Gesellschaft f r Kommunikations Software  
N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

WG (prime /  
G: yes U: yes  
[get it](#)

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

NP-16	2002-06-25	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

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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 29.013

Rel-5

**Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

WG (prime): 5.0.0

freeze\_meeting: NP-15

remarks - general: Transfer>TSG#4

WG (prime): N4 / -

G: yes U: yes

reporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this release:

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

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

## TS 29.016

Rel-5

**Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

WG (prime): 5.0.0

freeze\_meeting: NP-15

remarks - general:

WG (prime): N1 / -

G: yes U: yes

reporteur: DAWES, Peter

MCC: JURISIC, Andrijana

remarks - this release:

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

NP-16 2002-06-26 5 . 0 . 0

[get it](#)

## TS 29.018

Rel-5

**General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**

WG (prime): 5.5.0

freeze\_meeting: NP-15

remarks - general:

WG (prime): N1 / -

G: yes U: yes

reporteur: 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

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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

Rel-5 current version: 5.11.0

freeze\_meeting: NP-15

WG (prime/

G: yes U: yes

N4 / -

rapporteur: KYMALAINEN, Kimmo TellaSonera.AB

MCC: KYMALAINEN, Kimmo

remarks - general:  
remarks - this release:

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

NP-14	2002-01-11	5	0	0	
NP-14 editorial	2002-01-18	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-21	2003-10-09	5	7	0	<a href="#">get it</a>
NP-22	2004-01-12	5	8	0	<a href="#">get it</a>
NP-23	2004-03-24	5	9	0	<a href="#">get it</a>
NP-24	2004-06-15	5	10	0	<a href="#">get it</a>
NP-25	2004-09-30	5	11	0	<a href="#">get it</a>

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

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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 29.061

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):

G: yes U: yes

N3 / -

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".  
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	NP-16: spec should not be considered as frozen; withdraw SDO publications?	<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 acces; U = required in systems with UMTS



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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

Rel-5 **customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
current version: 5.9.0  
freeze\_meeting: NP-16  
Telefon AB LM Ericsson  
rapporiteur: NOLDUS Rogier  
MCC: KYMALAINEN, Kimmo  
Phase 4

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

WG (prime / N4 / -  
G: yes U: yes  
remarks - this release:

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

Rel-5 **Application of the Radio Access Network Application Part (RANAP) on the E-interface**  
current version: 5.4.0  
freeze\_meeting: RP-15  
rapporiteur: VESELY, Alexander  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)

WG (prime / R3 / -  
G: U: yes  
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

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ACTIVE specs Rel-5 29 .- series  
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## TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-5 WG (prime) / N4 / - rapporteur: AIKAWA, Shinichiro Fujitsu Limited  
freeze\_meeting: NP-15 G: U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: New after TSG#5  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0 [get it](#)

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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

Rel-5 WG (prime) / N4 / - rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation  
freeze\_meeting: NP-15 G: U: yes MCC: KYMALAINEN, Kimmo  
remarks - general: New after TSG#5  
remarks - this release:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-25 5 . 0 . 0 [get it](#)

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

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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

Rel-5 current version: 5.7.0

freeze\_meeting: NP-15

WG (prime/ N5 /

G: U: yes

ALCATEL S.A.

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

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>
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>

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

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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

Rel-5  
current version: 5.8.0  
freeze\_meeting: NP-15

WG (prime): N5 /  
G: U: yes

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

remarks - general:  
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

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

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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

Rel-5  
current version: 5.8.0  
freeze\_meeting: NP-16

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

WG (prime) / N5 /

G: U: yes

remarks - general:  
remarks - this release:

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

NP-16	2002-07-05	5	.	0	.	0
NP-17	2002-10-01	5	.	1	.	0
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

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## TS 29.198-04-1 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions

Rel-5  
current version: 5.7.0  
freeze\_meeting: NP-16

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

WG (prime) / N5 /

G: U: yes

remarks - general:  
remarks - this release:

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

NP-16	2002-07-19	5	.	0	.	0
NP-17	2002-10-01	5	.	1	.	0
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-23b	2004-04-19	5	.	5	.	0
NP-24	2004-08-04	5	.	6	.	0
NP-25	2004-09-28	5	.	7	.	0

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

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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 data Service Capability Feature (SCF)

Rel-5  
current version: 5.8.0  
freeze\_meeting: NP-16

remarks - general:

WG (prime) / N5 / rapporteur: 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-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>

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

# 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 29.198-04-3 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-5 current version: 5.8.0  
freeze\_meeting: NP-16

WG (prime): N5 /

rapporporteur: ABARCA, Chelo

ALCATEL S.A.

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>

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

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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: 5.8.0

freeze\_meeting: NP-16

remarks - general:

WG (prime) / N5 / rapporteur: ABARCA, Chelo

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-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).	<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>

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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: Generic user interaction

Rel-5 current version: 5.8.0

freeze\_meeting: NP-15

remarks - general:

ALCATEL S.A.

ABARCA, Chelo

rappporteur:

ZOICAS, Adrian

MCC:

N5 /

G: U: yes

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
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

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## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-5 current version: 5.6.0

freeze\_meeting: NP-15

remarks - general:

ALCATEL S.A.

ABARCA, Chelo

rappporteur:

ZOICAS, Adrian

MCC:

N5 /

G: U: yes

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
NP-19	2003-04-04	5	.	2	.	0
NP-21	2003-09-30	5	.	3	.	0
NP-23b	2004-04-19	5	.	4	.	0
NP-24	2004-08-04	5	.	5	.	0
NP-25	2004-09-28	5	.	6	.	0

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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 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities

Rel-5  
current version: 5.7.0  
freeze\_meeting: NP-15

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
ZOICAS, Adrian

WG (prime): N5 /

G: U: yes

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>

## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-5  
current version: 5.7.0  
freeze\_meeting: NP-15

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
ZOICAS, Adrian

WG (prime): N5 /

G: U: yes

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-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>

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

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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 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management

Rel-5 WG (prime) / N5 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-15 G: U: yes MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general:  
remarks - this release:

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

NP-16	2002-07-05	5	.	0	.	0
NP-17	2002-10-01	5	.	1	.	0
NP-19	2003-04-04	5	.	2	.	0
NP-21	2003-09-30	5	.	3	.	0
NP-23b	2004-04-19	5	.	4	.	0
NP-24	2004-08-04	5	.	5	.	0
NP-25	2004-09-28	5	.	6	.	0

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## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging

Rel-5 WG (prime) / N5 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-16 G: U: yes MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general:  
remarks - this release:

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

NP-16	2002-07-05	5	.	0	.	0
NP-17	2002-10-01	5	.	1	.	0
NP-19	2003-04-04	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

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

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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 SCF

Rel-5  
current version: 5.6.0  
freeze\_meeting: NP-16

WG (prime) / N5 /  
G: U: yes

rapporteur: ABARCA, Chelo  
ZOICAS, Adrian

MCC: ALCATEL S.A.

remarks - general:  
remarks - this release:

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

draft	2002-01-29	0	0	1	N5-020036	<a href="#">get it</a>
draft	2002-04-22	1	0	0		<a href="#">get it</a>
NP-16	2002-05-31	2	0	0	NP-020195	<a href="#">get it</a>
NP-16	2002-06-17	5	0	0		<a href="#">get it</a>
NP-17	2002-10-01	5	1	0		<a href="#">get it</a>
NP-21	2003-09-30	5	2	0		<a href="#">get it</a>
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).	<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>

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

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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)

Rel-5 WG (prime) / N5 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-16 G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:  
remarks - this release:

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

draft	2002-04-22	1	.	0	.	0		<a href="#">get it</a>
NP-16	2002-05-31	2	.	0	.	0	NP-020196	<a href="#">get it</a>
NP-16	2002-06-17	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<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	2004-01-30	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>

## TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-5 WG (prime) / N4 / rapporteur: ANGELO, Ciriaco  
freeze\_meeting: NP-15 G: U: yes MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - general:  
remarks - this release:

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

NP-16	2002-06-25	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-09-18	5	.	1	.	0		<a href="#">get it</a>
NP-18	2003-01-07	5	.	2	.	0		<a href="#">get it</a>

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

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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 WG (prime) / N4 / 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	<a href="#">get it</a>
NP-20	2003-06-27	5	1	0	<a href="#">get it</a>

## 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".

N3 / - rapporteur: RfSfNEN, Juha NOKIA Corporation

MCC: HAN, Seung Don

remarks - this release:

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

draft	2001-11-08	0	2	0	<a href="#">get it</a>
draft	2002-01-14	0	5	0	<a href="#">get it</a>
draft	2002-02-18	0	6	0	<a href="#">get it</a>
NP-15	2002-03-19	1	0	0	NP-020078
draft	2002-04-18	1	1	0	<a href="#">get it</a>
NP-16	2002-06-26	2	0	0	NP-020167 (RFC ref needs cleaning)
NP-16	2002-06-28	5	0	0	<a href="#">get it</a>
NP-17	2002-09-19	5	1	0	<a href="#">get it</a>
NP-18	2003-01-14	5	2	0	<a href="#">get it</a>
NP-19	2003-03-27	5	3	0	<a href="#">get it</a>
NP-20	2003-06-25	5	4	0	<a href="#">get it</a>
NP-21	2003-10-08	5	5	0	<a href="#">get it</a>
NP-21	2003-10-09	5	5	1	<a href="#">get it</a>
NP-22	2004-01-13	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-25	2004-09-28	5	9	0	<a href="#">get it</a>

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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: 5.8.0  
freeze\_meeting: NP-16

remarks - general:

WG (prime / N3 / rapporteur: SILLANPFF, Anna  
G:yes U: yes 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>	

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

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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 / N4 /  
current version: 5.9.0  
freeze\_meeting: NP-16  
WG (prime) /  
rapporteur: PALLARES L' PEZ, Miguel Angel  
Telefon AB LM Ericsson  
MCC: KYMALAINEN, Kimmo

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
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
draft	2002-03-28	1	1	0	
NP-16	2002-06-25	2	0	0	NP-020264
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-21	2003-10-09	5	5	0	
NP-22	2004-01-12	5	6	0	
NP-23	2004-03-24	5	7	0	
NP-24	2004-06-15	5	8	0	
NP-25	2004-09-28	5	9	0	

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G = required in systems with GERAN acces; U = required in systems with UMTS



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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

WG (prime /

N4 / -

rapporteur: PALLARES L' PEZ,

Telefon AB LM Ericsson

current version: 5.8.0

Miguel Angel

KYMALAINEN, Kimmo

freeze\_meeting: NP-16

G: yes U: yes

MCC:

remarks - this

remarks - general: 2nd rapporteur: CZOMA, Balazs.

release:

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

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

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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 WG (prime /

N4 / - rapporteur: PARK, Ian David VODAFONE LTD

freeze\_meeting: NP-15

Chalmers

G: U: yes

MCC: KYMALAINEN, Kimmo

remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT

remarks - this release:

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

NP-14	2002-01-11	5	0	0	
NP-14	editorial	2002-01-18	5	0	1
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	2004-03-23	5	7	0	
NP-25	2004-09-30	5	8	0	

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## TS 29.278

Rel-5

## customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)

WG (prime /

N4 / -

rapporteur: REMOQUILLO, Lucent Technologies

freeze\_meeting: NP-18

G: yes U: yes

MCC: KYMALAINEN, Kimmo

remarks - general: NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2. NP-24: txferred to N4 on closure of N2.

remarks - this release:

TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.

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

NP-25	2004-09-30	5	3	0
NP-19	2003-03-25	5	2	0
NP-18	2003-01-10	5	1	0
NP-17	2002-09-17	5	0	0
NP-17	2002-09-24	2	0	0
NP-17	NP-020349	0	1	0

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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: 5.7.0 freeze\_meeting: NP-16 N4 / - 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) / G: yes U: yes remarks - this release:

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

NP-16	2002-06-26	2	.	0	.	0	.	NP-020277	<a href="#">get it</a>
NP-16	2002-06-25	5	.	0	.	0	.		<a href="#">get it</a>
NP-17	2002-09-18	5	.	1	.	0	.		<a href="#">get it</a>
NP-18	2003-01-07	5	.	2	.	0	.		<a href="#">get it</a>
edito to replace	2003-01-08	5	.	2	.	1	.		<a href="#">get it</a>
lost annex E post									
NP-18									
NP-19	2003-04-07	5	.	3	.	0	.		<a href="#">get it</a>
attached XSD file	2003-04-25	5	.	3	.	1	.		<a href="#">get it</a>
attached correct	2003-04-29	5	.	3	.	2	.	Says WG Secretary: nobody's perfect - except Bo Derek	<a href="#">get it</a>
XSD file									
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>

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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: 5.7.0  
freeze\_meeting: NP-16

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: BERRY, Nigel, H  
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	

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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 /  
G: U: yes

N3 / -

rapporteur: BELLING, Thomas  
MCC: HAN, Seung Don

SIEMENS AG

remarks - this  
release:

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

NP-15	2002-03-20	5	0	0	
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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 current version: 5.1.0

freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: U: yes

N3 / - rapporteur: BELLING, Thomas  
MCC: HAN, Seung Don  
SIEMENS AG

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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## TR 29.903 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 current version: 5.0.0

freeze\_meeting: NP-15

remarks - general: Supersedes 29.203.

WG (prime /  
G: U: yes

N4 / rapporteur: YOUNG, Michael  
MCC: KYMALAINEN, Kimmo  
MOTOROLA Ltd

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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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

Rel-5 / WG (prime) / N1 / RP / rapporteur: ANDERSEN, Niels / Peter Skov / JURISIC, Andrijana / MOTOROLA A/S

freeze\_meeting: SP-15

G: yes U: yes

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document

pointing to latest Release version.

remarks - this release:

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 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)

Rel-5 / WG (prime) / N5 / rapporteur: ABARCA, Chelo / ALCATEL S.A.

freeze\_meeting: NP-15

remarks - general:

G: U: yes

remarks - this release:

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

NP-16 2002-06-20 5 . 0 . 0

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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-5 / WG (prime) / N5 / rapporteur: ABARCA, Chelo / ALCATEL S.A.

freeze\_meeting: NP-15

remarks - general:

G: U: yes

remarks - this release:

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

NP-16 2002-06-20 5 . 0 . 0

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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

Rel-5  
current version: 5.0.3  
freeze\_meeting: NP-16

remarks - general: Evidence for existance unearthed in N5-020143.  
WG (prime) / N5 / -  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
NP-15: Was originally Rel-6, but moved to Rel 5.  
remarks - this release:

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

draft	2002-02-19	0	2	1	N5-020084	<a href="#">get it</a>	
draft	2002-04-22	1	0	0		<a href="#">get it</a>	
NP-16	2002-05-31	2	0	0	NP-020198 (RFC nos. to be corrected.)	<a href="#">get it</a>	
NP-16	2002-06-20	5	0	0		<a href="#">get it</a>	
edito post	NP-23	2004-03-29	5	0	1	updates IETF references	<a href="#">get it</a>
edito	2004-04-27	5	0	2	Updated reference to use RFC number.	<a href="#">get it</a>	
edito post	NP-24	2004-06-24	5	0	3	RFC no.	<a href="#">get it</a>

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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

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime) / N5 / -  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
remarks - this release:

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

NP-16	2002-06-20	5	0	0		<a href="#">get it</a>
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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

Rel-5  
current version: 5.0.0  
freeze\_meeting: NP-15

WG (prime) / N5 / -  
G: U: yes  
rapporporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian  
remarks - this release:

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

NP-16	2002-06-20	5	0	0		<a href="#">get it</a>
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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

G: U: yes

WG (prime) / N5 / rapporteur: ABARCA, Chelo

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

G: U: yes

WG (prime) / N5 / rapporteur: ABARCA, Chelo  
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)

Rel-5  
current version: 5.0.1  
freeze\_meeting: NP-19

WG (prime) / N4 / -  
G: yes U: yes

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikat ions Software

remarks - general: NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series.  
remarks - this release:

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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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** **Security mechanisms for the (U)SIM application toolkit; Test specification**  
Rel-5 *current version:* 1.0.1 *WG (prime /* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new  
*freeze\_meeting:* TP-21 *G: yes* *U: yes* *MCC:* RODERMUND, Friedhelm One  
*remarks - general:* Test spec for 23.048. *remarks - this* release:  
  
*history (event, available, version, comments, hyperlink):*  
T3-33 1 . 0 . 0 [get it](#)  
TP-25 2004-09-20 1 . 0 . 1 TP-040191 [get it](#)

**TS 31.101** **UICC-terminal interface; Physical and logical characteristics**  
Rel-5 *current version:* 5.1.0 *WG (prime /* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-17 *G:* *U: yes* *MCC:* RODERMUND, Friedhelm  
*remarks - general:* Contents is a reference to ETSI TR 102 221. *remarks - this* release:  
  
*history (event, available, version, comments, hyperlink):*  
TP-17 2002-09-18 5 . 0 . 0 [get it](#)  
TP-18 2003-01-02 5 . 1 . 0 [get it](#)

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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: 5.10.0

freeze\_meeting: TP-15

remarks - general:

WG (prime /  
G: U: yes

rapporteur: RUBON, Jean-Francois GEMPLUS S.A.  
MCC: RODERMUND, Friedhelm

T3 / -  
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

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## TS 31.103

Rel-5

current version: 5.7.0

freeze\_meeting: TP-16

remarks - general: 2004-05-07:additional rapporteur: Peter Vestergaard.

## Characteristics of the IP Multimedia Services Identity Module (ISIM) application

WG (prime /

G: yes U: yes

T3 /

rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
MCC: RODERMUND, Friedhelm

remarks - this  
release:

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

TP-16	2002-06-26	1	.	0	.	0
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

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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 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-5  
WG (prime / G:yes U: yes  
freeze\_meeting: TP-15  
remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

T3 / -  
rapporteur: DUBOIS, Christophe Axalto S.A.  
MCC: RODERMUND, Friedhelm  
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	<a href="#">get it</a>
TP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
TP-18	2003-01-02	5	.	3	.	0	<a href="#">get it</a>
TP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
TP-21	2003-09-29	5	.	5	.	0	<a href="#">get it</a>
TP-22	2004-01-12	5	.	6	.	0	<a href="#">get it</a>
TP-25	2004-09-28	5	.	7	.	0	<a href="#">get it</a>

## TS 31.112 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2

Rel-5  
WG (prime / G: U: yes  
freeze\_meeting: TP-15  
remarks - general:

T3 /  
rapporteur: N, A  
MCC: RODERMUND, Friedhelm  
Indicate persons who left Company and wait for new One  
remarks - this release: 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	

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

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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 31.113

Rel-5

### Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes

WG (prime) / T3 /

Indicate persons who left Company and wait for new One

freeze\_meeting: TP-15

G: U: yes

MCC:

RODERMUND, Friedhelm

remarks - general:

remarks - this release: 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	

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## TS 31.114

Rel-5

### Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration

WG (prime) / T3 /

MEYER, Michael GIESECKE & DEVRIENT GmbH

freeze\_meeting: TP-15

G: U: yes

MCC:

RODERMUND, Friedhelm

remarks - general:

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

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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 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-5 WG (prime) / T3 / -  
G: U: yes  
*freeze\_meeting:* none  
*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.

*rapporteur:* WILLENBRINK, Udo Orga Test Systems Gmbh  
RODERMUND, Friedhelm

*MCC:* 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):*

## TS 31.124 Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

Rel-5 WG (prime) / T3 / -  
G: U: yes  
*freeze\_meeting:* none  
*remarks - general:* 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, O ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.

*rapporteur:* LAFFONT, Eric GEMPLUS S.A.

*MCC:* RODERMUND, Friedhelm  
Pointer to latest Release.

*remarks - this release:* Pointer to latest Release.

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

## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 current version: 5.5.0  
*freeze\_meeting:* SP-15  
*remarks - general:*

*rapporteur:* KALINER, Stefan T-Mobile International AG  
RODERMUND, Friedhelm

WG (prime) / T3 /  
G: U: yes  
*remarks - this release:*

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

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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)

## TS 32.101

Rel-5 **Telecommunication management; Principles and high level requirements**

WG (prime / S5 / - rapporteur: TRUSS, Michael MOTOROLA Ltd

G: U: yes MCC: ZOICAS, Adrian

freeze\_meeting: SP-15

remarks - general:

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

Rel-5 **Telecommunication management; Architecture**

WG (prime / S5 / - rapporteur: BERGGREN, Tommy TeliaSonera AB

G: U: yes MCC: ZOICAS, Adrian

freeze\_meeting: SP-15

remarks - general:

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

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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 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-5 WG (prime) / S5 / - rapporteur: SCHMIDT, Joerg  
G: yes U: yes G: yes U: yes MCC: ZOICAS, Adrian  
MOTOROLA A/S  
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 [get it](#)  
SP-17 2002-09-18 5 . 1 . 0 [get it](#)  
edito (layout and references) 2003-01-07 5 . 1 . 1 [get it](#)

## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-5 WG (prime) / S5 / - rapporteur: SCHMIDT, Joerg  
G: yes U: yes G: yes U: yes MCC: ZOICAS, Adrian  
MOTOROLA A/S  
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 [get it](#)  
SP-17 2002-09-20 5 . 1 . 0 [get it](#)  
SP-18 2003-01-09 5 . 2 . 0 [get it](#)  
SP-19 2003-03-31 5 . 3 . 0 [get it](#)  
SP-20 2003-06-27 5 . 4 . 0 [get it](#)

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

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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 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set

Rel-5 current version: 5.5.1

freeze\_meeting: SP-15

remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / - rapporteur: TSE, Edwin

G: yes U: yes MCC: ZOICAS, Adrian

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	<a href="#">get it</a>
SP-18	2003-01-09	5	2	0	<a href="#">get it</a>
SP-19	2003-04-01	5	3	0	<a href="#">get it</a>
SP-20	2003-06-27	5	4	0	<a href="#">get it</a>
SP-22	2004-01-05	5	5	0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	5	5	1	<a href="#">get it</a>

## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set

Rel-5 current version: 5.8.0

freeze\_meeting: SP-15

remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf

G: yes U: yes MCC: ZOICAS, Adrian

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	<a href="#">get it</a>
SP-17	2002-09-20	5	2	0	<a href="#">get it</a>
SP-18	2003-01-09	5	3	0	<a href="#">get it</a>
SP-19	2003-04-01	5	4	0	<a href="#">get it</a>
SP-20	2003-06-27	5	5	0	<a href="#">get it</a>
SP-21	2003-10-02	5	6	0	<a href="#">get it</a>
SP-22	2004-01-05	5	7	0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	5	7	1	<a href="#">get it</a>
SP-25	2004-09-23	5	8	0	<a href="#">get it</a>

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



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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 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 WG (prime) / S5 / rapporteur: GOERMER, Gerard SIEMENS AG

freeze\_meeting: SP-17 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

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

SP-15	2002-03-26	5	0	0	<a href="#">get it</a>
SP-16	2002-06-20	5	1	0	<a href="#">get it</a>
SP-18	2003-01-06	5	2	0	<a href="#">get it</a>
SP-19	2003-04-02	5	3	0	<a href="#">get it</a>
SP-20	2003-06-27	5	4	0	<a href="#">get it</a>
SP-21	2003-10-02	5	5	0	<a href="#">get it</a>
SP-23	2004-03-25	5	6	0	<a href="#">get it</a>
SP-24	2004-06-15	5	7	0	<a href="#">get it</a>

## TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-5 WG (prime) / S5 / rapporteur: ALEXANDER, Benni NOKIA Corporation

G: U: yes MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

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

SP-15	2002-03-27	5	0	0	<a href="#">get it</a>
SP-16	2002-06-20	5	1	0	<a href="#">get it</a>
SP-18	2003-01-09	5	2	0	<a href="#">get it</a>
SP-19	2003-04-02	5	3	0	<a href="#">get it</a>
SP-20	2003-06-27	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	2004-06-15	5	7	0	<a href="#">get it</a>
SP-25	2004-09-23	5	8	0	<a href="#">get it</a>

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

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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): S5 / rapporteur: ALEXANDER, Benni

G: U: yes 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	<a href="#">get it</a>
SP-18	2003-01-09	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-04-02	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-09	5	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-05	5	.	5	.	0	<a href="#">get it</a>
SP-24	2004-06-17	5	.	6	.	0	<a href="#">get it</a>
SP-25	2004-09-23	5	.	7	.	0	<a href="#">get it</a>

## TS 32.225

Rel-5 **Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)**  
current version: 5.6.0  
freeze\_meeting: SP-17

WG (prime): S5 / rapporteur: TEPPU, Patrik

NANJING ERICSSON PANDA COMMUNICATIONS LTD

G: yes U: yes

MCC: ZOICAS, Adrian

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	

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

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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 32.235** **Telecommunication management; Charging management; Charging data description for application services**  
Rel-5 *current version:* 5.4.0 *WG (prime):* S5 / *rapporteur:* GOERMER, Gerard / SIEMENS AG  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* *U:* yes *remarks - this release:*

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

SP-17 2002-09-18 5 . 0 . 0 [get it](#)  
SP-18 2003-01-07 5 . 1 . 0 [get it](#)  
SP-19 2003-04-02 5 . 2 . 0 [get it](#)  
SP-20 2003-06-27 5 . 3 . 0 [get it](#)  
SP-21 2003-10-02 5 . 4 . 0 [get it](#)

**TS 32.300** **Telecommunication management; Configuration Management (CM); Name convention for Managed Objects**  
Rel-5 *current version:* 5.0.1 *WG (prime):* S5 / - *rapporteur:* TOVINGER, Thomas / Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-8 (pars) *U:* yes *remarks - this release:*

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

SP-17 2002-09-18 5 . 0 . 0 [get it](#)  
edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

**TS 32.301** **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Requirements**  
Rel-5 *current version:* 5.0.1 *WG (prime):* S5 / - *rapporteur:* SCHMIDT, Joerg / MOTOROLA A/S  
*freeze\_meeting:* SP-15 *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-1 *U:* yes *remarks - this release:*

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

SP-15 2002-03-26 5 . 0 . 0 [get it](#)  
edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

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

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ACTIVE specs Rel-5 32 .- series  
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## TS 32.302

Rel-5 **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**  
current version: 5.1.0  
freeze\_meeting: SP-15  
Ericsson Incorporated

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	SP-18	2003-01-13	5	.	0	.	2
SP-20	2003-06-27	5	.	1	.	0	

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WG (prime / S5 / - rapporteur: TSE, Edwin  
MCC: ZOICAS, Adrian

Ericsson Incorporated

remarks - this  
release:

## TS 32.303

Rel-5 **Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
current version: **Solution Set (SS)**  
SIEMENS AG  
WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf

freeze\_meeting: SP-15

remarks - general: was 32.301-3

G: yes U: yes

MCC: ZOICAS, Adrian

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	
edito post	SP-17	2002-10-01	5	.	1	.	1
edito post	SP-18	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

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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)

Rel-5  
current version: 5.2.1  
freeze\_meeting: SP-15  
remarks - general: was 32.301-4

WG (prime) / S5 / -  
G: yes U: yes

rapporporteur: POLLAKOWSKI, Olaf  
MCC: ZOICAS, Adrian  
SIEMENS AG

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  
current version: 5.1.0  
freeze\_meeting: SP-15  
remarks - general: was 32.112-1

WG (prime) / S5 /  
G: yes U: yes

rapporporteur: TSE, Edwin  
MCC: ZOICAS, Adrian  
Ericsson Incorporated

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  
current version: 5.1.0  
freeze\_meeting: SP-15  
remarks - general: was 32.112-2

WG (prime) / S5 /  
G: yes U: yes

rapporporteur: TSE, Edwin  
MCC: ZOICAS, Adrian  
Ericsson Incorporated

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

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

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

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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

remarks - general:

### Telecommunication management; Test management Integration Reference Point (IRP): Requirements

WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
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-020328
SP-17	2002-09-06	2	0	0	SP-020456
SP-17	2002-09-18	5	0	0	
edito post	SP-18	2003-01-13	5	0	1

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

## TS 32.322

Rel-5  
freeze\_meeting: SP-17

remarks - general:

### Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)

WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
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-020328
SP-17	2002-09-16	2	0	0	SP-020457
SP-17	2002-09-18	5	0	0	
edito post	SP-18	2003-01-13	5	0	1
SP-24	2004-06-15	5	1	0	

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

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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 Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-17

WG (prime / S5 / - rapporteur: TSE, Edwin  
Ericsson Incorporated

G: yes U: yes  
MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release:

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

SP-16	2002-06-17	1	0	0	SP-020328
SP-17	2002-09-16	2	0	0	SP-020458
SP-17	2002-09-18	5	0	0	
edito post	SP-18	2003-01-13	5	0	1
	SP-24	2004-06-15	5	1	0

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

## TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-17

WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

G: yes U: yes  
MCC: ZOICAS, Adrian

remarks - general:  
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-020459
SP-17	2002-09-18	5	0	0	
edito post	SP-18	2003-01-13	5	0	1
	SP-24	2004-06-15	5	1	0

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

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

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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

Rel-5  
WG (prime) / S5 / -  
G: yes U: yes  
current version: 5.4.0  
freeze\_meeting: SP-15  
remarks - general: was 32.104 (pars)  
rapporporteur: H< BINETTE, Ulf  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson  
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

Rel-5  
WG (prime) / S5 / -  
G: yes U: yes  
current version: 5.8.0  
freeze\_meeting: SP-15  
remarks - general: was 32.104 (pars)  
rapporporteur: TOCHE, Christian  
MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - this release:

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

SP-16	2002-06-20	5	.	0	.	0	WARNING: approved CRs 004, 005 & 006 accidentally not implemented! (But these CRs later withdrawn.)	<a href="#">get it</a>
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>

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



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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  
freeze\_meeting: SP-17  
remarks - general: Replaces 32.106 (pars).  
WG (prime): S5 / -  
G: yes U: yes  
rapporporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

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  
freeze\_meeting: SP-17  
remarks - general: was 32.601-1  
WG (prime): S5 / -  
G: yes U: yes  
rapporporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd

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 (IS)

Rel-5  
current version: 5.3.0  
freeze\_meeting: SP-17  
remarks - general: was 32.601-2  
WG (prime): S5 / -  
G: yes U: yes  
rapporporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

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

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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)

Rel-5  
current version: 5.3.0  
freeze\_meeting: SP-17  
remarks - general: was 32.601-3

WG (prime / S5 / - rapporteur: TSE, Edwin  
Ericsson Incorporated  
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-19 2003-03-31 5 . 1 . 0 [get it](#)  
SP-20 2003-06-27 5 . 2 . 0 [get it](#)  
SP-25 2004-09-28 5 . 3 . 0

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## TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-17  
remarks - general: was 32.601-4

WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG  
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](#)

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## TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements

Rel-5  
current version: 5.1.0  
freeze\_meeting: SP-16  
remarks - general: was 32.602-1

WG (prime / S5 / - rapporteur: PAL, Tapinder  
T-MOBILE DEUTSCHLAND  
G: yes U: yes MCC: ZOICAS, Adrian

remarks - this  
release:

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

SP-16 2002-06-21 5 . 0 . 0 [get it](#)  
SP-17 2002-09-27 5 . 1 . 0 [get it](#)

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

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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 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)

Rel-5 WG (prime) / S5 / rapporteur: PIRT, Trevor MOTOROLA Ltd

freeze\_meeting: SP-17 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

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

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## TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)

Rel-5 WG (prime) / S5 / rapporteur: PIRT, Trevor MOTOROLA Ltd

freeze\_meeting: SP-17 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

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[get it](#)

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## TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)

Rel-5 WG (prime) / S5 / rapporteur: POLLAKOWSKI, Olat SIEMENS AG

freeze\_meeting: SP-17 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
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-5  
current version: 5.5.0  
freeze\_meeting: SP-16  
remarks - general: was 32.602-5

WG (prime) / S5 /

rappporteur: TOCHE, Christian

MCC: ZOICAS, Adrian

G: yes U: 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 reference from document	2003-10-17	5	2	1	
SP-22	2004-01-14	5	3	0	
SP-23	2004-03-24	5	4	0	
SP-24	2004-06-17	5	5	0	

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## TS 32.621

### Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-17  
remarks - general: was 32.620-1

WG (prime) / S5 / -

rappporteur: PIRT, Trevor

MCC: ZOICAS, Adrian

G: yes U: 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

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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 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-5 current version: 5.5.0

freeze\_meeting: SP-17

remarks - general: was 32.620-2

WG (prime) / S5 / - rapporteur: TOVINGER, Thomas

G: yes U: yes

remarks - this release:

Telefon AB LM Ericsson

ZOICAS, Adrian

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

SP-17	2002-09-27	5	0	0	<a href="#">get it</a>
SP-20	2003-06-27	5	1	0	<a href="#">get it</a>
SP-22	2004-01-13	5	2	0	<a href="#">get it</a>
SP-23	2004-03-24	5	3	0	<a href="#">get it</a>
SP-24	2004-06-15	5	4	0	<a href="#">get it</a>
SP-25	2004-09-28	5	5	0	<a href="#">get it</a>

## TS 32.623

Rel-5 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

5.4.0

WG (prime) / S5 / -

rapporteur: PIRT, Trevor

MOTOROLA Ltd

freeze\_meeting: SP-17

remarks - general: was 32.620-3

G: yes U: yes

MCC: ZOICAS, Adrian

remarks - this release:

Common Object Request Broker

rapporteur:

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

SP-17	2002-09-27	5	0	0	<a href="#">get it</a>
SP-19	2003-04-01	5	1	0	<a href="#">get it</a>
SP-23	2004-03-24	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>

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

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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

Rel-5 current version: Protocol (CMIP) Solution Set (SS) 5.4.0 WG (prime / S5 / -rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

freeze\_meeting: SP-17  
remarks - general: was 32.620-4

G: yes U: yes MCC: ZOICAS, Adrian  
remarks - this release:

### 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

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

## TS 32.625 Telecommunication management; Configuration Management (CM); Generic network resources; Integration Reference Point (IRP); Bulk CM eXtensible Markup Language

Rel-5 current version: (XML) file format definition 5.3.0 WG (prime / S5 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

freeze\_meeting: SP-15  
remarks - general:

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 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	

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

Adds XML file with reference from document

SP-23	2004-03-24	5	2	0
SP-24	2004-06-17	5	3	0

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[get it](#)

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

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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 32.631** **Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements**  
Rel-5 **WG (prime/** S5 / - **rapporteur:** PIRT, Trevor **MOTOROLA Ltd**  
**G:** U: yes **MCC:** ZOICAS, Adrian  
**remarks - general:** was 32.621-1 **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 **WG (prime/** S5 / - **rapporteur:** PAL, Tapinder **T-MOBILE DEUTSCHLAND**  
**G:** yes U: yes **MCC:** ZOICAS, Adrian  
**remarks - general:** was 32.621-2 **remarks - this release:**

*history (event, available, version, comments, hyperlink):*  
SP-17 2002-09-23 5 . 0 . 0  
SP-18 2003-01-07 5 . 1 . 0  
SP-19 2003-04-01 5 . 2 . 0  
SP-20 2003-06-27 5 . 3 . 0  
SP-21 2003-10-15 5 . 4 . 0  
SP-22 2004-01-13 5 . 5 . 0  
SP-25 2004-09-28 5 . 6 . 0

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

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

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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 32.633** Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Common Object Request Broker  
Rel-5 current version: Architecture (CORBA) Solution Set (SS) 5.2.0 / WG (prime / S5 / 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
SP-18	2003-01-07	5	1	0
SP-25	2004-09-28	5	2	0

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[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) 5.3.0 / WG (prime / S5 / 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
SP-22	2004-01-13	5	1	0
SP-23	2004-03-24	5	2	0
SP-25	2004-09-28	5	3	0

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

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



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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  
Rel-5 current version: (XML) file format definition  
NETWORKS (EUROPE)

WG (prime / S5 /

TOCHE, Christian NORTEL

-rapporteur:

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 pars

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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[get it](#)

**TS 32.641** Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements

Rel-5 current version: 5.0.0

WG (prime / S5 / -

G: U: yes

remarks - general: was 32.622-1

freeze\_meeting: SP-17

current version: 5.0.0

WG (prime / S5 / -

G: U: yes

remarks - this release:

freeze\_meeting: SP-17

current version: 5.0.0

WG (prime / S5 / -

G: U: yes

remarks - this release:

freeze\_meeting: SP-17

current version: 5.0.0

WG (prime / S5 / -

G: U: yes

remarks - this release:

freeze\_meeting: SP-17

current version: 5.0.0

WG (prime / S5 / -

G: U: yes

remarks - this release:

freeze\_meeting: SP-17

current version: 5.0.0

WG (prime / S5 / -

G: U: yes

remarks - this release:

freeze\_meeting: SP-17

current version: 5.0.0

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

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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  
freeze\_meeting: SP-17  
remarks - general: was 32.622-2

WG (prime) / S5 / -  
G: U: yes  
rapporporteur: PETERSEN, Robert  
Ericsson AB  
MCC: ZOICAS, Adrian

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 2003-01-09 5 . 1 . 1

to 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

## TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker

Rel-5  
current version: Architecture (CORBA) Solution Set (SS) 5.4.0

freeze\_meeting: SP-17

remarks - general: was 32.622-3

WG (prime) / S5 /  
G: U: yes

MCC: ZOICAS, Adrian

remarks - this  
release:

MOTOROLA Ltd  
PIRT, Trevor  
-rapporporteur:

### 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

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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

Rel-5 current version: Protocol (CMIP) Solution Set (SS) 5.6.0 WG (prime / S5 / -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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## TS 32.645

Rel-5 current version: (XML) file format definition 5.6.0 WG (prime / S5 / -rapporteur: TOCHE, Christian NORTEL NETWORKS

## Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language

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-020298 pairs
SP-17	2002-09-16	2	.	0	.	0	SP-020462
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	2003-10-17	5	.	2	.	1	

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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

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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 PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 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](#)

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**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 PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-17 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

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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  
Rel-5 current version: Architecture (CORBA) Solution Set (SS) 5.3.0 WG (prime / S5 / MCC: ZOICAS, Adrian PIRT, Trevor MOTOROLA Ltd

freeze\_meeting: SP-17  
remarks - general: was 32.623-3

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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G: yes U:  
remarks - this release:

MCC: ZOICAS, Adrian

-rapporteur: PIRT, Trevor

MOTOROLA Ltd

**TS 32.654** Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information

Rel-5 current version: Protocol (CMIP) Solution Set (SS) 5.4.0 WG (prime / S5 / MCC: ZOICAS, Adrian POLLAKOWSKI, Olaf SIEMENS AG

freeze\_meeting: SP-17  
remarks - general: was 32.623-4

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: yes U:  
remarks - this release:

MCC: ZOICAS, Adrian

-rapporteur: POLLAKOWSKI, Olaf

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

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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  
Rel-5 current version: (XML) file format definition  
(EUROPE) 5.6.0 WG (prime) / S5 / MCC: ZOICAS, Adrian

freeze\_meeting: SP-16

remarks - general:

G: yes U: yes

remarks - this release:

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

SP-16	2002-06-17	1	.	0	.	0	.	0	SP-020298 pars
SP-17	2002-09-16	2	.	0	.	0	.	0	SP-020463
SP-17	2002-09-18	5	.	0	.	0	.	0	
SP-20	2003-06-27	5	.	1	.	0	.	0	
SP-21	2003-10-01	5	.	2	.	0	.	0	
SP-21	2003-10-17	5	.	2	.	1	.	1	Adds XML file with reference from document
SP-22	2004-01-14	5	.	3	.	0	.	0	
SP-23	2004-03-24	5	.	4	.	0	.	0	
SP-24	2004-06-18	5	.	5	.	0	.	0	no schema file
SP-25	2004-09-29	5	.	6	.	0	.	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 WG (prime) / S5 / MCC: TOVINGER, Thomas / ZOICAS, Adrian  
freeze\_meeting: SP-17

remarks - general:

remarks - this release:

G: yes U: yes

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

draft	2002-01-31	0	.	1	.	0	.	0	
SP-15	2002-03-19	1	.	0	.	0	.	0	SP-020034 pars
SP-17	2002-09-16	2	.	0	.	0	.	0	SP-020464
SP-17	2002-09-18	5	.	0	.	0	.	0	
SP-18	2003-01-07	5	.	1	.	0	.	0	

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

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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 32.662 Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)

Rel-5 WG (prime) / S5 / rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
freeze\_meeting: SP-18 G: yes U: yes MCC: ZOICAS, Adrian

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 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)

Rel-5 WG (prime) / S5 / rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND  
freeze\_meeting: SP-17 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general:  
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

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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 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

Rel-5 WG (prime) / S5 / rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: SP-18  
remarks - general: SP-15: will not exist in Rel-5. SP-17: Yes it will!  
release:

### 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

Rel-5 WG (prime) / S5 / - rapporteur: POLLAKOWSKI, Olaf SIEMENS AG  
G: yes U: yes MCC: ZOICAS, Adrian  
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 pars
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



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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 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Information Service (IS)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

WG (prime / 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	2002-07-19	0	.	0	.	0	.	0	
draft	2002-01-17	0	.	1	.	1	.	1	
SP-16	2002-06-17	1	.	0	.	0	.	0	SP-020329 pars
SP-17	2002-09-16	2	.	0	.	0	.	0	SP-020469
SP-17	2002-09-18	5	.	0	.	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

Rel-5  
current version: (CORBA) Solution Set (SS) 5.2.0

WG (prime / S5 / - rapporteur:

PIRT, Trevor  
MOTOROLA Ltd

freeze\_meeting: SP-15

MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

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

SP-17	2002-09-16	1	.	0	.	0	.	0	SP-020470
SP-17	2002-09-18	5	.	0	.	0	.	0	
SP-19	2003-04-01	5	.	1	.	0	.	0	
SP-25	2004-09-29	5	.	2	.	0	.	0	

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

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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 32.674 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Management Information Protocol

Rel-5 current version: (CMIP) Solution Set (SS) 5.1.0 WG (prime) / 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

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## TS 32.691 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP); Requirements

Rel-5 current version: 5.0.0 WG (prime) / S5 / rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

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

SP-17	2002-08-30	1	.	0	.	0
SP-17	2002-09-18	5	.	0	.	0

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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: 5.0.0 WG (prime) / S5 / rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND  
freeze\_meeting: SP-17 MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

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

SP-17	2002-08-30	1	.	0	.	0
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

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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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## TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN

Rel-5 WG (prime) / S5 /  
freeze\_meeting: SP-15 U: yes  
remarks - general: remarks - this release:

rapporteur: BODEN, Bert  
MCC: ZOICAS, Adrian  
Vodafone D2 GmbH

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

SP-15 2002-03-26 5 . 0 . 0

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## TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study

Rel-5 WG (prime) / S5 /  
freeze\_meeting: SP-16 U: yes  
remarks - general: remarks - this release:

rapporteur: TRUSS, Michael  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd

SP-21: No rapporteur, work stopped.

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

SP-13 2001-10-01 0 . 0 . 2 TP-010213 (!)  
SP-14 2002-01-02 1 . 0 . 0 SP-010652 (also TP-010283)  
draft 2002-01-28 1 . 0 . 1  
draft 2002-01-31 1 . 0 . 2  
SP-15 2002-03-19 1 . 0 . 4 SP-020011  
SP-16 2002-06-17 2 . 0 . 0 SP-020331  
SP-16 2002-06-20 5 . 0 . 0  
SP-17 2002-09-18 5 . 1 . 0

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

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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 33.102 3G security; Security architecture

Rel-5  
current version: 5.5.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime / S3 / - rapporteur: BLOMMAERT, Marc  
G: U: yes POPE, Maurice  
Siemens nv/sa  
MCC:  
remarks - this  
release:

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

SP-16	2002-06-19	5	.	0	.	0
SP-18	2002-12-18	5	.	1	.	0
SP-20	2003-06-18	5	.	2	.	0
SP-21	2003-09-30	5	.	3	.	0
SP-24	2004-06-15	5	.	4	.	0
SP-25	2004-09-30	5	.	5	.	0

## TS 33.105 Cryptographic algorithm requirements

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-24

remarks - general:

WG (prime / S3 / - rapporteur: CHIKAZAWA, Takeshi  
G: U: yes POPE, Maurice  
Mitsubishi Electric Corporation  
MCC:  
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 / S3 / - rapporteur: WILHELM, Berthold  
G: U: yes POPE, Maurice  
BUNDESMINISTERIUM FUR WIRTSCHAFT  
MCC:  
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

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

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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

remarks - general:

WG (prime / S3 / - rapporteur: WILHELM, Berthold  
G: U: yes POPE, Maurice  
MCC:  
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	Corrects change history.
SP-16	2002-06-19	5	.	3	.	0		
SP-17	2002-09-18	5	.	4	.	0		
SP-18	2002-12-18	5	.	5	.	0		
SP-21	2003-09-30	5	.	6	.	0		

## TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-5 current version: 5.8.0

freeze\_meeting: SP-16

remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de).

WG (prime / S3 / - rapporteur: WILHELM, Berthold  
G: U: yes POPE, Maurice  
MCC:  
remarks - this release:

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

SP-15	2002-03-19	1	.	0	.	0	SP-020118
SP-16	2002-06-19	5	.	0	.	0	SP-020357
SP-17	2002-09-23	5	.	1	.	0	
SP-18	2002-12-18	5	.	2	.	0	
SP-19	2003-03-24	5	.	3	.	0	
SP-20	2003-06-18	5	.	4	.	0	
SP-21	2003-09-30	5	.	5	.	0	
SP-22	2004-01-08	5	.	6	.	0	
SP-23	2004-03-22	5	.	7	.	0	
SP-24	2004-06-15	5	.	8	.	0	

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

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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 33.200 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

Rel-5 WG (prime / S3 / - rapporteur: ESCOTT, Adrian HUTCHISON 3G UK Ltd (3)  
freeze\_meeting: SP-15 G: U: yes POPE, Maurice  
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 [get it](#)  
SP-18 2002-12-18 5 . 1 . 0 [get it](#)

---

## TS 33.201 Access domain security

Rel-5 current version: none WG (prime / S3 / rapporteur: POPE, Maurice ETSI Secretariat  
freeze\_meeting: SP-15 G: U: yes POPE, Maurice  
remarks - general: remarks - this release:

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

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

# 3GPP specification status

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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 33.203 3G security; Access security for IP-based services

Rel-5 current version: 5.9.0

freeze\_meeting: SP-15

remarks - general:

WG (prime /

G: yes U: yes

S3 / rapporteur: BOMAN, Krister

MCC: POPE, Maurice

Telefon AB LM Ericsson

remarks - this  
release:

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

SP-13	2001-10-03	0	4	0	anticipate v2.0.0 at SP-15	<a href="#">get it</a>
SP-14	2002-01-02	1	0	0	SP-010624	<a href="#">get it</a>
SP-15	2002-03-19	2	0	0	SP-020116	<a href="#">get it</a>
SP-15	2002-03-26	5	0	0	But CR at SP-15 to correct reference to SIP.	<a href="#">get it</a>
SP-15	2002-03-26	5	1	0		<a href="#">get it</a>
SP-16	2002-06-19	5	2	0		<a href="#">get it</a>
SP-17	2002-09-18	5	3	0		<a href="#">get it</a>
SP-18	2002-12-18	5	4	0		<a href="#">get it</a>
SP-19	2003-03-24	5	5	0	There are two annexes J; this will be corrected after SP-20.	<a href="#">get it</a>
SP-20	2003-06-18	5	6	0		<a href="#">get it</a>
SP-21	2003-09-30	5	7	0		<a href="#">get it</a>
SP-22	2004-01-08	5	8	0		<a href="#">get it</a>
SP-25	2004-09-27	5	9	0		<a href="#">get it</a>

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

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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 / G: yes U: yes)  
freeze\_meeting: SP-15  
remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).

S3 / - rapporteur: KOIEN, Geir Telenor AS  
MCC: POPE, Maurice  
remarks - this release:

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

SP-14	2002-01-02	1	0	0	SP-010623	<a href="#">get it</a>
SP-15	2002-03-19	2	0	0	SP-020117	<a href="#">get it</a>
SP-15	2002-03-26	5	0	0		<a href="#">get it</a>
SP-16	2002-06-19	5	1	0		<a href="#">get it</a>
SP-18	2002-12-18	5	2	0		<a href="#">get it</a>
SP-19	2003-03-24	5	3	0		<a href="#">get it</a>
SP-20	2003-06-18	5	4	0		<a href="#">get it</a>
SP-21	2003-09-30	5	5	0		<a href="#">get it</a>

## TR 33.900 Guide to 3G security

Rel-5 current version: 0.4.1  
freeze\_meeting: SP-15

DRAFT

WG (prime / U: yes)  
G:

S3 / - rapporteur: BROOKSON, Charles DTI - Department of Trade and Industry  
MCC: POPE, Maurice

remarks - general:

remarks - this release:

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

draft	0	4	1	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



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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)

## TR 33.903 Access Security for IP based services

Rel-5  
current version: none  
freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: U: yes

S3 / -  
rapporteur: VACANT,  
MCC: POPE, Maurice

remarks - this  
release:

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

## 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 34.108

Rel-5  
Common test environments for User Equipment (UE) conformance testing

current version: 5.2.0  
freeze\_meeting: TP-24

remarks - general:

WG (prime /  
G: U: yes

T1 / -  
rapporteur: CHALABI, Nohman  
MCC: SULTAN, Alain

remarks - this  
release:

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

TP-23 2004-04-01 5 . 0 . 0  
TP-24 2004-06-25 5 . 1 . 0  
TP-25 2004-09-30 5 . 2 . 0

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

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

# 3GPP specification status

**TS 34.109** Terminal logical test interface; Special conformance testing functions  
Rel-5 WG (prime / U: yes  
freeze\_meeting: RP-15  
G: 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-15 2002-03-19 5 . 0 . 0 [get it](#)  
RP-16 2002-06-17 5 . 1 . 0 [get it](#)  
RP-18 2003-01-13 5 . 2 . 0 [get it](#)  
RP-19 2003-03-25 5 . 3 . 0 [get it](#)  
RP-25 2004-09-27 5 . 4 . 0 [get it](#)

**TS 34.121** Terminal Conformance Specification, Radio Transmission and Reception (FDD)  
Rel-5 WG (prime / U: yes  
freeze\_meeting: TP-20  
G: U: yes

remarks - general:

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

TP-20 2003-06-17 5 . 0 . 0 [get it](#)  
TP-21 2003-10-10 5 . 1 . 0 [get it](#)  
CR266 pars 2003-10-13 5 . 1 . 1 [get it](#)  
TP-22 2004-01-20 5 . 2 . 0 [get it](#)  
TP-23 2004-04-01 5 . 3 . 0 [get it](#)  
TP-23 2004-04-05 5 . 3 . 1 Corrects implementation of CR333  
TP-24 2004-06-25 5 . 4 . 0 [get it](#)  
TP-25 2004-09-30 5 . 5 . 0 [get it](#)

R2 / T1 rapporteur: BERGGREN, Anders Ericsson Incorporated  
MCC: ARZELIER, Claude  
remarks - this release:

T1 / - rapporteur: HIGUCHI, Kenji ADVANTEST Corporation  
MCC: SULTAN, Alain  
remarks - this release:

# 3GPP specification status

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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 Rel-5 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 /  
G: U: yes

T1 / - rapporteur: MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
MCC: SULTAN, Alain

remarks - this  
release:

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

TP-22 2004-01-22 5 . 0 . 0

[get it](#)

## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-5 current version: 5.9.0

freeze\_meeting: TP-16

remarks - general:

WG (prime /  
G: U: yes

T1 / - rapporteur: SULTAN, Alain SOURCE COM  
MCC: SULTAN, Alain

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

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).

Spirit of CR668 implemented, after

consultation with T.

TP-23 2004-04-13 5 . 7 . 1

TP-24 2004-07-01 5 . 8 . 0

TP-25 2004-09-30 5 . 9 . 0

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

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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: 5.9.0

freeze\_meeting: TP-16

remarks - general:

ETSI Secretariat

rappporteur: HU, Shicheng  
MCC: SULTAN, Alain

WG (prime) / T1 / -  
G: U: yes  
remarks - this release:

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

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## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-5 current version: 5.4.0

freeze\_meeting: RP-15

remarks - general: T1->R4@TSG#10

rappporteur: SOERENSEN, Ole  
MCC: GUTIERREZ MIGUELEZ, Cesar

WG (prime) / R4 / -  
G: U: yes  
remarks - this release:

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

RP-15	2002-04-03	5	.	0	.	0
RP-17	2002-10-02	5	.	1	.	0
RP-18	2003-01-10	5	.	2	.	0
RP-19	2003-04-04	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

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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)

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## TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests

Rel-5 WG (prime) / T1 / Racial Instruments Wireless Solutions Limited  
DRAFT G: yes U: yes MCC: SULTAN, Alain  
freeze\_meeting: TP-22 TP-21: assume Rel-7 in view of projected end date. TP-22: Document ready for  
remarks - general: TP-21: Title changed from "Measurement uncertainty". Completion date: approval as Rel-5 (I)  
end 2004. release:

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

TP-22 2004-01-05 1 . 0 . 0 TP-030289 for information [get it](#)  
T1-23 1 . 1 . 0  
TP-24 2004-05-26 1 . 2 . 0 [get it](#)

---

## 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) / R4 / - Rapporporteur: FENN, John B Research In Motion Limited  
freeze\_meeting: RP-15 G: U: yes 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](#)

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

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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 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications

Rel-5  
WG (prime): S3 / -  
G: U: yes  
freeze\_meeting: SP-15  
current\_version: 5.0.0  
MCC: WALKER, Michael  
POPE, Maurice  
VODAFONE Group Plc  
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 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification

Rel-5  
WG (prime): S3 / -  
G: U: yes  
freeze\_meeting: SP-15  
current\_version: 5.0.0  
MCC: WALKER, Michael  
POPE, Maurice  
VODAFONE Group Plc  
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 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data

Rel-5  
WG (prime): S3 / -  
G: U: yes  
freeze\_meeting: SP-15  
current\_version: 5.0.0  
MCC: WALKER, Michael  
POPE, Maurice  
VODAFONE Group Plc  
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

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

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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 35.204** **Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
Rel-5 *current version:* 5.0.0 *WG (prime / S3 / - rapporteur:* WALKER, Michael  
*freeze\_meeting:* SP-15 *MCC:* 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\*;**  
Rel-5 *current version:* Document 1: General 5.0.0 *WG (prime / S3 / - rapporteur:* WALKER, Michael  
Group Plc *MCC:* POPE, Maurice

*freeze\_meeting:* SP-15 *U:* yes  
*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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**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\*;**  
Rel-5 *current version:* Document 2: Algorithm specification 5.1.0 *WG (prime / S3 / - rapporteur:* WALKER, Michael  
Group Plc *MCC:* POPE, Maurice

*freeze\_meeting:* SP-15 *U:* yes  
*remarks - general:* ex SAGE

*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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[get it](#)

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

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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

**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\*;**  
Rel-5 *current version: Document 3: Implementors' test data* 5.0.0 / WG (prime / S3 / POPE, Maurice  
Group Plc *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](#)

**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\*;**  
Rel-5 *current version: Document 4: Design conformance test data* 5.0.0 / WG (prime / S3 / WALKER, Michael VODAFONE  
Group Plc *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](#)

**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\*;**  
Rel-5 *current version: Document 5: Summary and results of design and evaluation* 5.0.0WG (prime / S3 / WALKER, Michael  
VODAFONE Group Plc *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

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



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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)

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  
*freeze\_meeting:* SP-15

S3 / - *rapporteur:* WRIGHT, Tim  
Indicate persons who left Company and wait for new One

G: yes U:

MCC: POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 5 . 0 . 0

[get it](#)

**TR 41.033** **Lawful Interception requirements for GSM**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

S3 / - *rapporteur:* MCKIBBEN, Bernie  
MOTOROLA GmbH  
MCC: POPE, Maurice

*remarks - general:*

*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

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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)

## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5 WG (prime) / SP / rapporteur: MEREDITH, John M ETSI Secretariat  
freeze\_meeting: SP-20 G: yes U: POPE, Maurice

remarks - general: remarks - this release:

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

SP-20 2003-06-25 5 . 4 . 0 Created from 41.103 v5.4.0 [get it](#)  
SP-22 2004-01-15 5 . 5 . 0 [get it](#)  
Edito post SP-22 2004-01-22 5 . 5 . 1 [get it](#)  
Edito post SP-22 2004-01-23 5 . 5 . 2 [get it](#)  
SP-23 2004-04-02 5 . 6 . 0 [get it](#)  
SP-24 2004-06-24 5 . 7 . 0 [get it](#)  
SP-25 2004-09-29 5 . 8 . 0 [get it](#)

## Rel-5 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

### TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 WG (prime) / T3 / - rapporteur: DIETRICH, Christian Axalto S.A.  
freeze\_meeting: TP-15 MCC: RODERMUND, Friedhelm

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](#)

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

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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)

## TS 42.033 Lawful Interception; Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-15

remarks - general:

WG (prime /

G: yes U:

S3 /

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](#)

## TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general: Was 22.043 at Rel99.

WG (prime /

G: yes U:

S1 /

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](#)

## 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

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporteur: POIRAUD, Patrick

MCC: CLAYTON, Michael

ALCATEL S.A.

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

# 3GPP specification status

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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)

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

Rel-5  
current version: 5.0.1  
freeze\_meeting: SP-16

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

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

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

## TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-5  
current version: 5.0.1  
freeze\_meeting: SP-16

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0  
post SP-16 edito 2002-07-29 5 . 0 . 1  
to history box

[get it](#)  
[get it](#)

Rel-5 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

G = required in systems with GERAN access; U = required in systems with UMTS

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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-5 43 .- series

## TR 43.005 Technical performance objectives

current version: 5.0.0

freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U:

NP / -

rappporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David

remarks - this  
release: NP-21: Decision not to progress this to Rel-6.

history (event, available, version, comments, hyperlink):

NP-16 2002-07-04 5 . 0 . 0 Note that the doc is really a TR not a [get it](#)  
TS (cover sheet is wrong)

## TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

current version: 5.2.0

freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U:

N3 / -

rappporteur: 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

current version: 5.0.0

freeze\_meeting: GP-10

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: 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

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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 WG (prime) / T3 / - rapporteur: DIETRICH, Christian Axalto S.A.  
freeze\_meeting: TP-15 MCC: RODERMUND, Friedhelm

remarks - general: For test spec, see 51.013.

G: yes U: .  
remarks - this release:

history (event, available, version, comments, hyperlink):

fix annexed library	2001-11-12	5	.	0	.	0
file	2001-11-21	5	.	0	.	1
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

[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 43.020 Security-related network functions

Rel-5 WG (prime) / S3 / NP / GP / rapporteur: GILBERT, Henri France Telecom  
freeze\_meeting: SP-16 MCC: POPE, Maurice

remarks - general:

G: yes U: .  
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

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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

Rel-5 WG (prime / G:yes U:  
freeze\_meeting: GP-10

G1 / N1 rapporteur: HOWELL, Andrew  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - general: Moved from SMG3 Jan 2000.

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0  
GP-11 2002-09-19 5 . 1 . 0

[get it](#)  
[get it](#)

---

## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-5 WG (prime / G:yes U:  
freeze\_meeting: GP-10

G1 / NP rapporteur: ANDERSEN, Niels  
MCC: Peter Skov  
USAI, Paolino  
MOTOROLA A/S

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0  
re-issue as TR 2002-07-31 5 . 0 . 1  
(not TS) as per 03.26

[get it](#)  
[get it](#)

---

## TR 43.030 Radio network planning aspects

Rel-5 WG (prime / G:yes U:  
freeze\_meeting: GP-10

G1 / - rapporteur: TEGTH, Ulf  
MCC: USAI, Paolino  
TeliaSonera AB

remarks - general:

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 43.033 Lawful Interception; Stage 2

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-15

remarks - general:

WG (prime /  
G: yes U:

S3 / - 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](#)

## 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 /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
NP-15 2002-03-20 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 5 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 WG (prime /  
freeze\_meeting: GP-09 G: yes U:

G1 / - rapporteur: S. BIRE, Guillaume  
MCC: USAI, Paolino NOKIA Corporation

remarks - general: Originally created as 03.51r00

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 WG (prime /  
freeze\_meeting: GP-10 G: yes U:

G1 / - rapporteur: GIRAUD, Alexis  
MCC: USAI, Paolino ALCATEL S.A.

remarks - general:

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

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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: 5.4.0

freeze\_meeting: GP-10

remarks - general:

WG (prime / G1 / G2 / G2) / G2 / G2  
G: yes U: CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
USAI, Paolino

MCC:

remarks - this  
release:

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

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 43.058

Rel-5 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

current version: 5.0.0

freeze\_meeting: SP-16

remarks - general:

WG (prime / S4 / -) / -  
G: yes U: MONFORT, Jean-Yves France Telecom  
USAI, Paolino

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-16	2002-06-28	5	0	0
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime / G: yes U:  
freeze\_meeting: GP-09

G1 / - rapporteur: LIVINGSTON, Margaret NOKIA Corporation  
MCC: USAI, Paolino

remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-06	2001-10-01	5	.	0	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	1	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	2	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	3	.	0	<a href="#">get it</a>
remove hidden	2003-04-25	5	.	3	.	1	<a href="#">get it</a>
GP-19	2004-05-06	5	.	4	.	0	<a href="#">get it</a>

## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime / G: yes U:  
freeze\_meeting: GP-09

G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation  
MCC: USAI, Paolino

remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-09	2002-05-06	5	.	0	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	1	.	0	<a href="#">get it</a>
make figs 20 and 25 legible	2003-05-02	5	.	1	.	1	<a href="#">get it</a>
GP-16	2003-09-12	5	.	2	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	3	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: N1 / - 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	2002-06-28	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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5  
current version: 5.4.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U: N1 / - 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	2002-06-28	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

[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 WG (prime /  
G: yes U:  
freeze\_meeting: SP-16

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
MCC: 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 5 . 0 . 0 technically identical to v4.0.0 [get it](#)

## TS 43.130 Iur-g interface; Stage 2

Rel-5 WG (prime /  
G: yes U:  
freeze\_meeting: GP-11

G1 / - rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
USAI, Paolino

remarks - general: Created identical to last version of 43.930. Also moved from G2 to G1.

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 [get it](#)

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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

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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

Rel-5  
WG (prime) / N1 / -  
freeze\_meeting: NP-15

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana

rappporteur:

MCC:

remarks - this  
release:

G: yes U:

remarks - general:

history (event, available, version, comments, hyperlink):  
NP-16 2002-06-20 5 . 0 . 0 [get it](#)

---

## TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-5  
WG (prime) / G2 / -  
freeze\_meeting: GP-11

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

rappporteur:

MCC:

remarks - this  
release:

G: yes U:

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](#)

---

## TS 44.004 Layer 1 - General Requirements

Rel-5  
WG (prime) / G2 / -  
freeze\_meeting: GP-09

SIEMENS AG

ISAACS, Ken  
THOMASEN, Gert

rappporteur:

MCC:

remarks - this  
release:

G: yes U:

remarks - general:

history (event, available, version, comments, hyperlink):  
GP-06 2001-11-15 5 . 0 . 0 [get it](#)  
GP-07 2002-01-08 5 . 1 . 0 [get it](#)  
GP-09 2002-05-06 5 . 2 . 0 [get it](#)  
GP-17 2003-12-05 5 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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:

history (event, available, version, comments, hyperlink):  
GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
MOTOROLA A/S

remarks - this release:

[get it](#)  
[get it](#)

## 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:

history (event, available, version, comments, hyperlink):  
GP-11 2002-09-27 5 . 0 . 0  
post GP-11 2003-12-05 5 . 0 . 1  
editorial

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
MOTOROLA A/S

remarks - this release:

[get it](#)  
[get it](#)

## TS 44.012 Short Message Service Cell Broadcast (SMS-SCB) 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 / G2 / N2 rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
MOTOROLA A/S

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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U:

N1 / -

rappporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

VODAFONE LTD

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

## TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-5  
current version: 5.3.0  
freeze\_meeting: GP-11

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur: HOWELL, Andrew  
MCC: THOMASEN, Gert

MOTOROLA Ltd

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



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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: 5.18.0  
freeze\_meeting: GP-09

WG (prime/  
G: yes U:

MOTOROLA Ltd

rporteur: HOWELL, Andrew  
THOMASEN, Gert

G2 / -

remarks - this  
release:

### 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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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) /

G: yes U:

N3 / - rapporteur: RfSfNEN, Juha

MCC: HAN, Seung Don

NOKIA Corporation

remarks - general:  
freeze\_meeting: NP-15  
remarks - this release:

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

## TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)

WG (prime) /

G: yes U:

Nortel Networks (USA)

rapporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

remarks - general:  
freeze\_meeting: GP-09  
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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

Rel-5 WG (prime) / G2 / - rapporteur: GARAPATY, Sonia  
freeze\_meeting: GP-11 G: yes U: THOMASEN, Gert

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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## TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

Rel-5 WG (prime) / N1 / - rapporteur: HUPPERICH, Peter  
freeze\_meeting: NP-15 G: yes U: JURISIC, Andrijana

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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## TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

Rel-5 WG (prime) / N1 / - rapporteur: HUPPERICH, Peter  
freeze\_meeting: NP-15 G: yes U: JURISIC, Andrijana

ALCATEL S.A.

remarks - general:

remarks - this release:

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

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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: 5.14.0

freeze\_meeting: GP-09

remarks - general: General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

G2 /

rapporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-08	2002-02-19	5	.	0	.	0	
GP-09	2002-05-03	5	.	1	.	0	
edito post	GP-09	2002-05-28	5	.	1	.	1
GP-10	2002-07-19	5	.	2	.	0	
GP-11	2002-09-16	5	.	3	.	0	
GP-12	2002-12-17	5	.	4	.	0	
GP-13	2003-02-21	5	.	5	.	0	
GP-14	2003-04-29	5	.	6	.	0	
GP-15	2003-07-10	5	.	7	.	0	
GP-16	2003-09-13	5	.	8	.	0	
GP-17	2003-12-05	5	.	9	.	0	
GP-18	2004-02-23	5	.	10	.	0	
GP-19	2004-05-06	5	.	11	.	0	
GP-20	2004-07-23	5	.	12	.	0	
GP-21	2004-09-04	5	.	13	.	0	
GP-22	2004-11-29	5	.	14	.	0	

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## TS 44.064

Rel-5 current version: 5.1.0

freeze\_meeting: NP-15

remarks - general:

## Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

WG (prime /

G: yes U:

DOIG, Ian

JURISIC, Andrijana

MOTOROLA S.A.S

rapporteur:

MCC:

N1 / -

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 (SNDSCP)**  
Rel-5  
current version: 5.2.0  
freeze\_meeting: NP-15  
remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.  
WG (prime) / N1 / -  
G: yes U:  
rapporteur: DOIG, Ian  
MCC: JURISIC, Andrijana  
MOTOROLA S.A.S

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

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**TS 44.068** **Group Call Control (GCC) Protocol**

Rel-5  
current version: 5.0.1  
freeze\_meeting: NP-15

remarks - general:

WG (prime) / N1 / -  
G: yes U:

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 Correct faulty styles / clause numbering

[get it](#)  
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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) / N1 / -  
G: yes U:

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

# 3GPP specification status

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## TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

WG (prime) /

G2 / -

rapporteur: ANDERSEN, Niels

G: yes U:

current version: 5.0.1

remarks - this release:

MOTOROLA A/S

Peter Skov

MCC:

THOMASEN, Gert

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 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode

WG (prime) /

G2 /

rapporteur: VIRTEJ, Iuliana

NOKIA Corporation

THOMASEN, Gert

MCC:

G: yes U:

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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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

Rel-5

**General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu**

current version: 5.8.0

freeze\_meeting: GP-09

WG (prime / G2 / rapporteur: N, A  
MCC: THOMASEN, Gert  
One  
Indicate persons who left Company and wait for new release:

remarks - general: Created GP-08; see GP-020483. 2002-07-18: G1->G2.

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	
missed 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

Rel-5

**External network assisted cell change (NACC)**

current version: 5.1.0

freeze\_meeting: GP-09

WG (prime / G: yes U:

G2 / - rapporteur: BACKLUND, Ingemar  
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

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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 / G: yes U: )  
G1 / - rapporteur: JOKINEN, Harri  
USAI, Paolino  
MCC:  
NOKIA MOBILE PHONES  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-15	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-12	2003-01-03	5	.	5	.	0		<a href="#">get it</a>
GP-14	2003-04-25	5	.	6	.	0		<a href="#">get it</a>
GP-17	2003-12-05	5	.	7	.	0		<a href="#">get it</a>
GP-22	2004-12-02	5	.	8	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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: 5.12.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / G:yes U:

rapporteur: S..BIRE, Benoit

USAI, Paolino

G1 / -

remarks - this release:

NOKIA Corporation

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

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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  
Channel coding  
current version: 5.11.0  
freeze\_meeting: GP-09

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rapporporteur: S. BIRE, Benoist  
USAI, Paolino  
MCC:  
NOKIA Corporation

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

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## TS 45.004

Rel-5  
Modulation  
current version: 5.1.1  
freeze\_meeting: GP-09

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rapporporteur: S. BIRE, Benoist  
USAI, Paolino  
MCC:  
NOKIA Corporation

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  
wrong Release  
number in the  
front page

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G = required in systems with GERAN access; U = required in systems with UMTS

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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: 5.10.0

freeze\_meeting: GP-09

remarks - general:

WG (prime / G:yes U:

USAI, Paolino

Telefon AB LM Ericsson

rapporteur: SAMUELSSON, Mats

MCC:

G1 / -

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-05	2001-06-28	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-11	2002-09-19	5	.	5	.	0
GP-12	2003-01-03	5	.	6	.	0
GP-13	2003-02-21	5	.	7	.	0
GP-14	2003-04-25	5	.	8	.	0
GP-16	2003-09-12	5	.	9	.	0
GP-22	2004-12-02	5	.	10	.	0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G:yes U:

EL-SAIGH, Amer

USAI, Paolino

VODAFONE Group Plc

G1 / -

rapporporteur:

MCC:

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

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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

freeze\_meeting: GP-09

### Link adaptation

current version: 5.5.0

WG (prime / G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: Peter Skov USAI, Paolino

MCC:

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-03	2001-02-06	5	0	0	
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-08	2002-02-19	5	3	0	<a href="#">get it</a>
GP-09	2002-05-06	5	4	0	<a href="#">get it</a>
GP-10	2002-07-19	5	5	0	<a href="#">get it</a>

## TS 45.010

Rel-5

freeze\_meeting: GP-10

### Radio subsystem synchronization

current version: 5.3.0

WG (prime / G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

G: yes U: USAI, Paolino

MCC:

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-10	2002-07-19	5	0	0	<a href="#">get it</a>
GP-11	2002-09-19	5	1	0	<a href="#">get it</a>
GP-13	2003-02-21	5	2	0	<a href="#">get it</a>
GP-16	2003-09-12	5	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-5 WG (prime / G1 / - rapporteur: ESCULIER, Carole USAI, Paolino NORTEL NETWORKS (EUROPE)  
freeze\_meeting: GP-22 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 [get it](#)  
created from Rel-4 version.  
GP-22 2004-12-02 5 . 0 . 0 [get it](#)

---

## TR 45.022 Radio link management in hierarchical networks

Rel-5 WG (prime / G1 / - rapporteur: VAN BUSSEL, Han T-Mobile International AG  
freeze\_meeting: GP-10 G: yes U: MCC: USAI, Paolino  
remarks - general: 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

Rel-5 WG (prime / G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: GP-10 G: yes U: Peter Skov USAI, Paolino  
MCC: USAI, Paolino  
remarks - general: 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

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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 /  
G: yes U:

G1 / -

rapporporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this  
release:

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 /  
G: yes U:

S4 / -

rapporporteur: 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

[get it](#)

## TS 46.002 Half Rate Speech Processing Functions

Rel-5 current version: 5.0.0

freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporporteur: 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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 46.007 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

Rel-5  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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](#)

---

## TR 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

Rel-5  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
T-MOBILE DEUTSCHLAND

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



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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 46.010 Full-rate speech transcoding

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 Transcoding

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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 46.021 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 /  
G: yes U:

S4 / - 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 Comfort Noise Aspects for Half Rate Speech Traffic Channels

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 46.031** Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels  
Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
TELECOM ITALIA S.p.A.  
USAI, Paolino  
USAI, Paolino  
S4 / - rapporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

---

**TS 46.032** Voice Activity Detection (VAD)  
Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
Indicate persons who left Company and wait for new One  
USAI, Paolino  
USAI, Paolino  
S4 / - rapporteur:  
MCC:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

---

**TS 46.041** Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels  
Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
TELECOM ITALIA S.p.A.  
USAI, Paolino  
USAI, Paolino  
S4 / - rapporteur:  
MCC:  
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

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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 46.042 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

Rel-5 WG (prime / S4 / - 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 46.051 GSM Enhanced full rate speech processing functions: General description  
Rel-5 WG (prime / S4 / - rapporteur: Jf RVINEN, Kari  
freeze\_meeting: SP-16 G: yes U: 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](#)

---

## TS 46.053 ANSI-C code for the GSM Enhanced full rate speech codec

Rel-5 WG (prime / S4 / - rapporteur: Jf RVINEN, Kari  
freeze\_meeting: SP-16 G: yes U: 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](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC:

remarks - this  
release:

NOKIA Corporation

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TR 46.055 Performance characterisation of the GSM EFR Speech Codec

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporteur: SALEM, Tarek  
USAI, Paolino  
MCC:

remarks - this  
release:

T-MOBILE DEUTSCHLAND

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.060 Enhanced full rate speech transcoding

Rel-5  
current version: 5.0.0  
freeze\_meeting: SP-16

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC:

remarks - this  
release:

NOKIA Corporation

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

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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 46.061 Substitution and muting of lost frames for encanced full rate speech traffic channels

Rel-5 WG (prime) / S4 / -

current version: 5.0.0

freeze\_meeting: SP-16

remarks - general:

rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC:  
release: .  
remarks - this  
release:

NOKIA Corporation

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

Rel-5 WG (prime) / S4 / -

current version: 5.0.0

freeze\_meeting: SP-16

remarks - general:

NOKIA Corporation

rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC:  
release: .  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

## TS 46.081 Discontinuous Transmission (DTX) for encanced full rate speech traffic channels

Rel-5 WG (prime) / S4 / -

current version: 5.0.0

freeze\_meeting: SP-16

remarks - general:

NOKIA Corporation

rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC:  
release: .  
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 acces; U = required in systems with UMTS

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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 46.082 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Rel-5 WG (prime / G: yes U:  
freeze\_meeting: SP-16

S4 / - rapporteur: Jf RVINEN, Kari  
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](#)

---

## TR 46.085 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

Rel-5 WG (prime / G: yes U:  
freeze\_meeting: SP-16

TELECOM ITALIA S.p.A.

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

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

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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 48.001 General Aspects on the BSS-MSC Interface

Rel-5  
current version: 5.0.1  
freeze\_meeting: GP-11

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
MOTOROLA A/S

remarks - this release:

[get it](#)  
[get it](#)

## 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

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-10-05 5 . 0 . 0  
GP-09 2002-05-06 5 . 1 . 0

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
MOTOROLA A/S

remarks - this release:

[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

remarks - general:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
MOTOROLA A/S

remarks - this release:

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert MOTOROLA A/S

WG (prime) / G2 / -

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

[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 rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert MOTOROLA A/S

WG (prime) / G2 / -

G: yes U:

MCC:

remarks - this release:

remarks - general:

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

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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 48.014** 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  
freeze\_meeting: GP-11  
MOTOROLA A/S

remarks - general:

G: yes U:

MCC:

THOMASEN, Gert

Peter Skov

ANDERSEN, Niels

ANDERSEN, Niels

Peter Skov

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 48.016** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service  
Rel-5  
current version: 5.4.0  
freeze\_meeting: GP-09  
MOTOROLA A/S

remarks - general:

G: yes U:

MCC:

THOMASEN, Gert

Peter Skov

ANDERSEN, Niels

ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

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-15 2003-07-10 5 . 2 . 0  
GP-20 2004-07-23 5 . 3 . 0  
GP-22 2004-11-29 5 . 4 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-5 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol

WG (prime) / G2 / -

MOTOROLA Ltd

rapporporteur: BLACK, Jyoti

freeze\_meeting: GP-09

MCC: THOMASEN, Gert

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	2003-04-29	5	.	6	.	1

correction 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

Rel-5 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime) / N3 / -

NOKIA Corporation

rapporporteur: RfSfNEN, Juha

freeze\_meeting: NP-15

MCC: HAN, Seung Don

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

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 48.031** 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  
WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
MOTOROLA A/S

remarks - general:

G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-10 2002-07-19 5 . 0 . 0 [get it](#)

**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:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
MOTOROLA A/S

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](#)

**TS 48.052** Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Principles

Rel-5 current version: 5.0.1  
freeze\_meeting: GP-11

remarks - general:

G: yes U:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
MOTOROLA A/S

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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-5  
current version: 5.0.1  
freeze\_meeting: GP-11

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MOTOROLA A/S

G: yes U:

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

[get it](#)  
[get it](#)

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## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-5  
current version: 5.0.0  
freeze\_meeting: GP-11

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MOTOROLA A/S

G: yes U:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-11 2002-09-27 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Rel-5  
current version: 5.6.0  
freeze\_meeting: GP-09

WG (prime /

G2 / -

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

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	<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	2002-05-06	5	5	0	<a href="#">get it</a>
GP-10	2002-07-19	5	6	0	<a href="#">get it</a>

## TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels

Rel-5  
current version: 5.2.0  
freeze\_meeting: GP-09

WG (prime /

G1 / -

rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

G: yes U:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-09	2002-05-06	5	0	0	<a href="#">get it</a>
GP-10	2002-07-19	5	1	0	<a href="#">get it</a>
GP-11	2002-09-19	5	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

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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 / G1 / NP / rapporteur: ANDERSEN, Niels  
freeze\_meeting: GP-09 Peter Skov  
USAI, Paolino

MOTOROLA A/S

G: yes U:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

remarks - this

release:

history (event, available, version, comments, hyperlink):

GP-09 2002-05-06 5 . 0 . 0

[get it](#)

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## TS 48.071

Rel-5  
WG (prime / G2 / - / rapporteur: ANDERSEN, Niels  
freeze\_meeting: GP-11 Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

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

GP-15 2003-07-10 5 . 1 . 0

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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

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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: 5.0.0  
freeze\_meeting: NP-15

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rappporteur: KYMALAINEN, Kimmo TellaSonera.AB  
MCC: KYMALAINEN, Kimmo

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

N1 / -

rappporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh  
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

[get it](#)  
[get it](#)

## 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 /  
G: yes U:

G2 / -

rappporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
MCC: 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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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

WG (prime /

G3new/ S1 / rapporteur: HU, Shicheng

ETSI Secretariat

NP /  
T2 /  
SCP

G: yes U:

MCC: CLAYTON, Michael

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 GP-13	2003-02-28	5	.	2	.	1	<a href="#">get it</a>
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>
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>

late availability due to extent of  
changes plus shortage of MCC

approved CR1851r1 not implementable

G = required in systems with GERAN access; U = required in systems with UMTS

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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-5 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  
freeze\_meeting: GP-11  
WG (prime / G3new/ S1 / rapporteur: HU, Shicheng NP / T2 / SCP ETSI Secretariat

remarks - general: 2001-11-19: G4->G5.  
G: yes U: MCC: CLAYTON, Michael  
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

G = required in systems with GERAN access; U = required in systems with UMTS

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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

G3new/ S1 / rapporteur: HU, Shicheng ETSI Secretariat

NP /  
T2 /  
SCP

G: yes U:

MCC: CLAYTON, Michael

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 51.010-5 Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)

Rel-5  
current version: 2.0.0

DRAFT

WG (prime /

MCC: CLAYTON, Michael

ETSI Secretariat

freeze\_meeting:

G3new/ T1 rapporteur:

MCC:

remarks - general: Should number really be 31.010-5?

remarks - this  
release:

### history (event, available, version, comments, hyperlink):

draft	2004-06-14	0	0	0	GP-041355	<a href="#">get it</a>
draft		0	1	0		
GP-22	2004-11-30	0	2	0	GP-042335	<a href="#">get it</a>
GP-22	2004-11-30	2	0	0	GP-042795	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

Rel-5 WG (prime / T3 / - rapporteur: BEGASSAT, Axalto S.A.  
freeze\_meeting: TP-20 G: yes U: RODERMUND, Friedhelm  
MCC: TP-16: WI is TP-020122.  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

TP-20 2003-06-23 5 . 0 . 0 [get it](#)  
post TP-20 2003-06-27 5 . 0 . 1 [get it](#)  
editorial to fix  
zipped annex E  
attachment  
TP-22 2004-01-12 5 . 1 . 0 [get it](#)

---

## TS 51.021 Base Station System (BSS) equipment specification; Radio aspects

Rel-5 WG (prime / G1 / - rapporteur: BUSIN, Ake Telephone AB LM Ericsson  
freeze\_meeting: GP-10 G: yes U: USAI, Paolino  
MCC: .  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

GP-10 2002-07-19 5 . 0 . 0 [get it](#)  
GP-12 2003-01-03 5 . 1 . 0 [get it](#)  
GP-13 2003-02-21 5 . 2 . 0 [get it](#)  
GP-15 2003-07-11 5 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 51.026 GSM Repeater Equipment Specification

Rel-5  
current version: 5.0.0  
freeze\_meeting: GP-10

remarks - general:

WG (prime / G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
USAI, Paolino  
G: yes U: MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-10 2002-07-19 5 . 0 . 0 [get it](#)

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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)

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## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-5  
current version: 5.0.0  
freeze\_meeting: GP-10

remarks - general:

WG (prime / G1 / S5 rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
USAI, Paolino  
G: yes U: MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-10 2002-07-19 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-5 WG (prime) / S5 / - rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

freeze\_meeting: SP-18  
MCC: ZOICAS, Adrian

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](#)

## 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: 4.10.0

freeze\_meeting: SP-20

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications".

WG (prime) / SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
G: U: yes  
POPE, Maurice  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 4 . 9 . 0 Created from 21.102 v4.9.0

SP-22 2004-01-15 4 . 10 . 0 [get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

T3 / -

rappporteur: KALINER, Stefan  
MCC: RODERMUND, Friedhelm  
T-Mobile International AG

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

[get it](#)

[get it](#)

## TS 21.133 3G security, Security threats and requirements

Rel-4 current version: 4.1.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

S3 / -

rappporteur: CHRISTOFFERSSON, TeliaSonera AB  
Per  
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

[get it](#)

[get it](#)

## TR 21.801 Specification drafting rules

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

SP / -

rappporteur: MEREDITH, John M ETSI Secretariat  
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

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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

WG (prime /  
G: yes U: yes

SP / -

rappporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - general: SP-22: From now on, is null document pointing to equivalent in latest Release.  
remarks - this 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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[get it](#)

## TR 21.905 Vocabulary for 3GPP Specifications

current version: 4.5.0

freeze\_meeting: SP-11

WG (prime /  
G: yes U: yes

S1 / -

rappporteur: ZARRI, Michele T-Mobile (UK) Ltd  
MCC: CLAYTON, Michael

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:

Absorbs 01.04.

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



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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 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

Rel-4 WG (prime) / S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

freeze\_meeting: SP-11 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#5

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	2001-02-28	4	.	1	.	1
bars						
SP-12	2001-06-27	4	.	2	.	0
SP-15	2002-03-25	4	.	3	.	0

[get it](#)

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## TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

Rel-4 WG (prime) / S1 / - rapporteur: CARPENTER, Paul Research In Motion Limited

freeze\_meeting: SP-11 MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

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

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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)

Rel-4 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#5

S1 / - rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation

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

Rel-4 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

S1 / - rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research In Motion Limited

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

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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 /  
G: yes U: yes

S1

/ -

remarks - this  
release:

rappporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

ORANGE SA

### history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 4 . 0 . 0 [get it](#)  
SP-08 2000-06-28 4 . 1 . 0 [get it](#)  
SP-09 2000-10-18 4 . 2 . 0 [get it](#)  
SP-11 2001-04-02 4 . 3 . 0 [get it](#)  
SP-12 2001-06-27 4 . 4 . 0 [get it](#)  
SP-14 2002-01-10 4 . 5 . 0 [get it](#)  
SP-15 2002-03-25 4 . 6 . 0 [get it](#)  
SP-16 2002-07-04 4 . 7 . 0 [get it](#)  
SP-17 2002-09-17 4 . 8 . 0 [get it](#)

## TS 22.016

### International Mobile Equipment Identities (IMEI)

current version: 4.2.1

freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1

/ -

remarks - this  
release:

rappporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

NOKIA Corporation

TSG#8: CR proposed creation, but not aprvd.

### 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](#)  
SP-16 2002-07-04 4 . 2 . 0 [get it](#)  
edito post SP-16 2002-07-19 4 . 2 . 1 History box

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification

WG (prime /

France Telecom

S3 / - rapporteur: NGUYEN NGOC,  
Sebastien

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

SP-16 2002-06-19 4 . 1 . 0

[get it](#)

[get it](#)

## TS 22.024 Description of Charge Advice Information (CAI)

Rel-4

WG (prime /

S1 / - rapporteur: DEOL, Amar

current version: 4.0.0

G: yes U: yes

MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

Rel-4

WG (prime /

S1 / - rapporteur: IGNATIUS, Jan

current version: 4.1.0

freeze\_meeting: SP-11

G: yes U: yes

MCC: CLAYTON, Michael

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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) /* S3 / *rappporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-18  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 G: yes U: yes  
Rel-4 & Rel-5 -> 22.031 *remarks - this* MCC: POPE, Maurice  
*release:* Created from 42.031 Rel-4.

*history (event, available, version, comments, hyperlink):*  
SP-18 2003-01-06 4 . 0 . 0 Technically identical to 42.031 v4.0.0. [get it](#)

---

**TS 22.032** **Immediate Service Termination (IST); Service description; Stage 1**  
Rel-4 *WG (prime) /* S3 / *rappporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-16 G: yes U: yes MCC: POPE, Maurice  
*remarks - general:* SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4) *remarks - this* SP-16: Takes over from 42.032 Rel-4.  
*release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 4 . 0 . 0 [get it](#)

---

**TS 22.034** **High Speed Circuit Switched Data (HSCSD); Stage 1**  
Rel-4 *WG (prime) /* S1 / - *rappporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 G: yes U: yes MCC: CLAYTON, Michael  
*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 2002-07-04 4 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4  
S1 / - rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research In Motion 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  
WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4  
S1 / - 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

[get it](#)  
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## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

Rel-4  
WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4  
S1 / - 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

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## TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-4 WG (prime / T3 / S3 / S3 rapporteur: BARNES, Nigel MOTOROLA Ltd  
G: yes U: yes MCC: RODERMUND, Friedhelm  
freeze\_meeting: TP-12  
remarks - general: TP-12: was previously 42.048.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-12 2001-07-06 4 . 0 . 0 [get it](#)

---

## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-4 WG (prime / S4 / - rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
G: yes U: yes MCC: USAI, Paolino  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4.

remarks - this release:

history (event, available, version, comments, hyperlink):

draft 1999-04-23 0 . 0 . 0 [get it](#)  
SP-03 1999-04-23 0 . 1 . 1 [get it](#)  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
edito 2001-10-01 4 . 0 . 1 [get it](#)

---

## TS 22.057 Mobile Execution Environment (MEXE) service description; Stage 1

Rel-4 WG (prime / S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: yes MCC: CLAYTON, Michael  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MEXE); Stage 1".

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-09 2000-10-18 4 . 0 . 0 [get it](#)  
SP-15 2002-03-25 4 . 1 . 0 [get it](#)

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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)

<b>TS 22.060</b> Rel-4	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b> WG (prime / G: yes U: yes freeze_meeting: SP-11 Transfer>TSG#4	S1 / - rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael Research In Motion Limited	remarks - this release:
<i>history (event, available, version, comments, hyperlink):</i> SP-07 2000-03-17 4 . 0 . 0 <a href="#">get it</a> SP-08 2000-06-28 4 . 1 . 0 <a href="#">get it</a> SP-10 2001-01-08 4 . 2 . 0 <a href="#">get it</a> SP-15 2002-03-25 4 . 3 . 0 <a href="#">get it</a> SP-16 2002-07-04 4 . 4 . 0 <a href="#">get it</a>			
<b>TS 22.066</b> Rel-4	<b>Support of Mobile Number Portability (MNP); Stage 1</b> WG (prime / G: yes U: yes freeze_meeting: SP-11 Transfer>TSG#4	S1 / - rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael EMCOM Ltd	remarks - this release:
<i>history (event, available, version, comments, hyperlink):</i> SP-11 2001-04-02 4 . 0 . 0 <a href="#">get it</a>			
<b>TS 22.067</b> Rel-4	<b>enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1</b> WG (prime / G: yes U: yes freeze_meeting: SP-11 Transfer>TSG#4	S1 / - rapporteur: SWETINA, Joerg MCC: CLAYTON, Michael SIEMENS AG	remarks - this release:
<i>history (event, available, version, comments, hyperlink):</i> SP-10 2001-01-08 4 . 0 . 0 <a href="#">get it</a> SP-15 2002-03-25 4 . 1 . 0 <a href="#">get it</a>			

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / S1 / - rapporteur: DEOL, Amar  
G: yes U: yes MCC: CLAYTON, Michael  
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  
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 / S1 / - rapporteur: HECHWARTNER,  
G: yes U: yes MCC: Roland  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general:

S4 / -  
rapporporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
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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[get it](#)

**TS 22.078** **Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1**  
Rel-4  
WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general:

S1 / -  
rapporporteur: GRECH, Michel  
MCC: CLAYTON, Michael  
Lucent Technologies Network Systems UK  
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  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes  
S1 / -  
rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-02 4 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes  
S1 / -  
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 /  
G: yes U: yes  
S1 / -  
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

[get it](#)  
[get it](#)  
[get it](#)

## 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 /  
G: yes U: yes  
S1 / -  
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

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

S1 / -

rapporporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS 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

[get it](#)  
[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 /  
G: yes U: yes

S1 / -

rapporporteur: 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 22.086 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 /  
G: yes U: yes

S1 / -

rapporporteur: 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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 22.087 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 /  
G: yes U: yes

S1 / -

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

[get it](#)

## 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 /  
G: yes U: yes

S1 / -

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

[get it](#)  
[get it](#)

## 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 /  
G: yes U: yes

S1 / -

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

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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 22.091 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 /  
G: yes U: yes

S1 / -

rappporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

S1 / -

rappporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

## TS 22.094 Follow Me service description - Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime /  
G: yes U: yes

S1 / -

rappporteur: HECHWARTNER,  
Roland  
MCC: CLAYTON, Michael

T-Mobile International AG

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. Apr2001: V3 unwithdrawn, so Rel-4 version produced.

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

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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 22.096 Name identification supplementary services; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -  
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

[get it](#)

## 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 /  
G: yes U: yes

S1 / -  
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  
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

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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 / S1 / - rapporteur: DEOL, Amar

G: U: yes Clayton, Michael

Nortel Networks (USA)

MCC: based on 3.9.0

remarks - this release:

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 / S1 / - rapporteur: ZARRI, Michele

G: U: yes Clayton, Michael

T-Mobile (UK) Ltd

MCC:

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



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## TS 22.115 Service Aspects Charging and billing

Rel-4 current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / S1 / - rapporteur: SCARRONE, Enrico TELECOM ITALIA S.p.A.  
G: yes U: yes MCC: 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

[get it](#)  
[get it](#)

## TR 22.121 Service aspects; The Virtual Home Environment; 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 / S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd  
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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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

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

WG (prime/

G: U: yes

S1 / -

rappporteur: SWETINA, Joerg

MCC: CLAYTON, Michael

SIEMENS AG

remarks - this release:

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

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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  
Rel-4 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general:

S1 / - rapporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael  
ORANGE SA  
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

Rel-4 current version: 4.2.0  
freeze\_meeting: SP-11  
remarks - general:

S1 / - rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this  
release:

WG (prime /  
G: U: yes

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

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

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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 / S1 / - rapporteur: MEYER, Juergen  
G: U: yes MCC: CLAYTON, Michael  
SIEMENS AG  
remarks - this based on 3.0.0  
release:

### history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	0	.	0	.	0	.	0
SP-05	1999-10-08	1	.	0	.	0	.	0
SP-06	1999-12-17	2	.	0	.	0	.	0
SP-08		4	.	0	.	0	.	0
SP-08	2000-06-28	4	.	0	.	1	.	0
SP-11	2001-04-02	4	.	1	.	0	.	0
SP-15	2002-03-28	4	.	2	.	0	.	0
SP-18	2003-01-07	4	.	3	.	0	.	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

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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** Network architecture  
Rel-4 current version: 4.8.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4,CR at TSG#5

history (event, available, version, comments, hyperlink):

SP-09	2000-10-18	4	.	0	.	0	
SP-10	2000-12-21	4	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-06	4	.	2	.	0	<a href="#">get it</a>
SP-12	2001-06-29	4	.	3	.	0	<a href="#">get it</a>
SP-14	2002-01-07	4	.	4	.	0	<a href="#">get it</a>
SP-17	2002-09-24	4	.	5	.	0	<a href="#">get it</a>
SP-18	2003-01-10	4	.	6	.	0	<a href="#">get it</a>
SP-19	2003-03-27	4	.	7	.	0	<a href="#">get it</a>
SP-20	2003-06-20	4	.	8	.	0	<a href="#">get it</a>

WG (prime / S2 / - rapporteur: MILINSKI, Alexander SIEMENS AG  
G: yes U: yes MCC: BOSWARTHICK, David  
remarks - this release:

**TS 23.003** Numbering, addressing and identification

Rel-4 current version: 4.8.0  
freeze\_meeting: SP-11

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-02	4	.	0	.	0	
NP-12	2001-06-27	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-16	2002-06-21	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	6	.	0	<a href="#">get it</a>
NP-21	2003-10-09	4	.	7	.	0	<a href="#">get it</a>
NP-22	2004-01-12	4	.	8	.	0	<a href="#">get it</a>

WG (prime / N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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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 Restoration procedures

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - VODAFONE LTD

rapporporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

corrects references 2002-06-24 4 . 0 . 1

NP-16 2002-06-21 4 . 1 . 0

corrects references 2002-09-24 4 . 1 . 1

NP-22 2004-01-12 4 . 2 . 0

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## TS 23.008 Organisation of subscriber data

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - ALCATEL SEL AG

rapporporteur: BAUER, Rolf  
MCC: KYMALAINEN, Kimmo

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

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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 / N1 / N4 / N4) rapporteur: FARHOUAMAND, Ericsson Incorporated  
Rouzbeh  
G: yes U: 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	

## TS 23.011 Technical realization of Supplementary Services

Rel-4 current version: 4.0.1

freeze\_meeting: SP-11

remarks - general:

WG (prime / N4 / -) rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND  
G: yes U: yes U: yes  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	0	0	
corrects references	2002-06-24	4	0	1	

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

N4 / - 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

[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 /  
G: yes U: yes

N1 / - rapporteur: 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

[get it](#)

[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 /  
G: yes U: yes

N4 / - rapporteur: 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 references 2002-06-24 4 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / 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	2001-03-30	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

## TS 23.018 Basic Call Handling; Technical realization

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / N4 / - rapporteur: PARK, Ian David  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - this  
release: Chalmers  
VODAFONE LTD

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 23.031** **Fraud Information Gathering System (FIGS); Service description; Stage 2**  
Rel-4 *WG (prime /*  
*current version: 4.0.0*  
*freeze\_meeting: SP-18*

S3 / - *rappporteur: WRIGHT, Tim*  
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*  
*G: yes U: yes*  
*remarks - this*  
*release: Created from 43.031 Rel-4.*

*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 /*  
*current version: 4.1.1*  
*freeze\_meeting: SP-11*

S2 / - *rappporteur: HIETALAHTI, Hannu*  
NOKIA Corporation  
*MCC: BOSWARTHICK, David*

*remarks - general: S2 responsibility?*

*remarks - this*  
*release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-11 4 . 0 . 0  
SP-18 2003-01-07 4 . 1 . 0  
edito post SP-18 2003-01-10 4 . 1 . 1  
to correct figures

[get it](#)  
[get it](#)  
[get it](#)

**TS 23.034** **High Speed Circuit Switched Data (HSCSD); Stage 2**

Rel-4 *WG (prime /*  
*current version: 4.0.0*  
*freeze\_meeting: SP-11*

N1 / - *rappporteur: CARRI" N, Immaculada*  
NOKIA Corporation  
*MCC: JURISIC, Andrijana*

*remarks - general:*

*remarks - this*  
*release:*

*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

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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 / S3 / - rapporteur: WRIGHT, Tim  
G: yes U: yes  
MCC: POPE, Maurice  
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)  
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

[get it](#)  
[get it](#)

## TS 23.038 Alphabets and language-specific information

Rel-4  
WG (prime / T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes  
MCC: RODERMUND, Friedhelm  
Research In Motion Limited  
remarks - general: based on 3.3.0  
remarks - this release:

### 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 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Rel-4  
WG (prime / T2 / - rapporteur: HARRIS, Ian  
G: yes U: yes  
MCC: RODERMUND, Friedhelm  
Research In Motion Limited  
remarks - general: based on 3.3.0  
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

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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 / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: yes MCC: RODERMUND, Friedhelm

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 / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: yes MCC: RODERMUND, Friedhelm

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

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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 /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm  
Research In Motion Limited

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

[get it](#)  
[get it](#)

## 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,

WG (prime /  
G: yes U: yes

T3 / - rapporteur: BARNES, Nigel  
MCC: RODERMUND, Friedhelm  
MOTOROLA Ltd

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.

WG (prime /  
G: yes U: yes

S4 / S2 rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
WG (prime /  
G: yes U: yes

T2 / -  
rapporteur: BRENK, Lars  
MCC: RODERMUND, Friedhelm  
TTP Communications plc

remarks - general: Apr-2001: " Station Application" removed from title.

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  
WG (prime /  
G: yes U: yes

S2 / -  
rapporteur: KUCHIBHOTLA, Ravi  
MCC: BOSWARTHICK, David  
MOTOROLA Ltd

remarks - general: Transfer>TSG#4

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

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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  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4, CR at TSG#5

WG (prime /  
G: yes U: yes

N4 / -  
rapporteur: LOPEZ SORIA, Luis  
MCC: KYMALAINEN, Kimmo  
Telefon AB LM Ericsson

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects references 2002-06-24 4 . 0 . 1

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[get it](#)

## TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-4  
current version: 4.1.1  
freeze\_meeting: SP-11  
remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

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 references 2002-06-24 4 . 1 . 1

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[get it](#)  
[get it](#)

## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
rapporteur: CONRAD, Alan  
MCC: KYMALAINEN, Kimmo  
T-MOBILE DEUTSCHLAND

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects references 2002-06-24 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime) /

freeze\_meeting: SP-11 G: yes U: yes

N4 / - rapporteur: HOMANN, Christian  
ALCATEL SEL AG

MCC: KYMALAINEN, Kimmo

remarks - general: NP-24: txferred to N4 on closure of N2.

remarks - this release: Phase 3.

history (event, available, version, comments, hyperlink):

NP-11	2001-04-02	4	.	0	.	0	
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	2002-11-14	4	.	6	.	1	<a href="#">get it</a>
to cover page							minor correction, no need for SDO publication
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>

typo on cover page

## TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

Rel-4 WG (prime) /

freeze\_meeting: SP-11

N4 / - rapporteur: PARK, Ian David  
VODAFONE LTD

MCC: Chalmers  
KYMALAINEN, Kimmo

remarks - general: CR at TSG#4, CR at TSG#5

remarks - this release:

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



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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 / N4 / -  
G: yes U: yes) KYMALAINEN, Kimmo TeliaSonera.AB  
rapporteur:  
MCC: KYMALAINEN, Kimmo  
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

[get it](#)  
[get it](#)

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-4  
WG (prime / N4 / -  
G: yes U: yes) KYMALAINEN, Kimmo TeliaSonera.AB  
rapporteur:  
MCC: KYMALAINEN, Kimmo  
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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## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-4  
WG (prime / N4 / -  
G: yes U: yes) RUSSELL, Nick VODAFONE LTD  
rapporteur:  
MCC: KYMALAINEN, Kimmo  
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 2001-04-24 4 . 2 . 0  
missed 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

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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 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: RUSSELL, Nick

MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-03-30 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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

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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 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-4  
current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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

[get it](#)  
[get it](#)

---

## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general: Transfer>TSG#4. GSM only @TSG#5

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 23.096 Name Identification Supplementary Service; Stage 2

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
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-11 2001-04-04 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

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](#)

## TS 23.101 General UMTS Architecture

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

S2 / -

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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S2 / - rapporteur: RINNE, Janne  
G: U: yes BOSWARTHICK, David  
MCC: 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	.	0	.	0
SP-13	2001-10-12	4	.	2	.	0	.	0
SP-14	2002-01-07	4	.	3	.	0	.	0
SP-15	2002-04-07	4	.	4	.	0	.	0
SP-17	2002-09-24	4	.	5	.	0	.	0
SP-18	2003-01-10	4	.	6	.	0	.	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 / N1 / - rapporteur: DOIG, Ian  
G: yes U: yes JURISIC, Andrijana  
MCC: MOTOROLA S.A.S

remarks - this  
release: 2002-02-26: Hietalanti 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	.	0
post NP-16	2002-06-28	4	.	0	.	1	.	1

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[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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

remarks - general:

WG (prime / S2 / - rapporteur: LOPEZ-TORRES, Indicate persons who left Company and wait for new One  
G: yes U: yes remarks - this release: BOSWARTHICK, David  
MCC:

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

remarks - general: New after TSG#5

WG (prime / N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new One  
G: yes U: yes remarks - this release: KYMALAINEN, Kimmo  
MCC:

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 23.119 Gateway Location Register (GLR); Stage2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general: New after TSG#5

WG (prime / N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.  
G: yes U: yes remarks - this release: KYMALAINEN, Kimmo  
MCC:

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

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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-4 23 - series

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-4 WG (prime) /  
current version: 4.4.0 G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC  
reflow of R98 features.

N1 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation

MCC: JURISIC, Andrijana

remarks - this  
release:

### 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) /  
current version: 4.3.0 G:  
freeze\_meeting: SP-11 U: yes  
remarks - general: Sept 00: "Open Service Architecture" removed from title. SP-24: To be  
transferred from S2 to N5 at N/SP-25.

S2 / - rapporteur: GOURRAUD, Christophe ERICSSON RESEARCH CANADA

MCC: BOSWARTHICK, David

remarks - this  
release:

### 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 Multical supplementary service; Stage 2

Rel-4 WG (prime) /  
current version: 4.0.0 G:  
freeze\_meeting: SP-11 U: yes  
remarks - general:

N4 / - rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation

MCC: KYMALAINEN, Kimmo

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



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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 WG (prime) / G: yes U: yes

T2 / - rapporteur: LAUMEN, Josef  
MCC: RODERMUND, Friedhelm

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

remarks - this release:

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

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## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-4 WG (prime) / G: U: yes

N3 / - rapporteur: HAGIWARA, Junichiro  
MCC: HAN, Seung Don

remarks - general: 4.1.0 freeze\_meeting: SP-11  
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

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G = required in systems with GERAN access; U = required in systems with UMTS



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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

freeze\_meeting: SP-11

remarks - general: 2000-10: Rap change from Keutmann.

WG (prime / N4 / - rapporteur: HODGES, Phil

G: U: yes KYMALAINEN, Kimmo

Telefon AB LM Ericsson

MCC:

remarks - this release:

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 / S2 / - rapporteur: DANIEL, Elizabeth

G: yes U: yes BOSWARTHICK, David

Lucent Technologies Network Systems UK

MCC:

remarks - this release:

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

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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 23.227 Application and user interaction in the UE; Principles and specific requirements

Rel-4

WG (prime /

T2 / -

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

freeze\_meeting: SP-11

G: U: yes

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this  
release:

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

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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 Location Services (LCS); Functional description; Stage 2

Rel-4 current version: 4.12.0

freeze\_meeting: SP-11

WG (prime /  
G: yes U: yes

S2 / - rapporteur: WONG, Gavin  
MCC: BOSWARTHICK, David

remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

VODAFONE Group Plc

### 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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 WG (prime) / S2 / - rapporteur: IBANEZ, Juan-Antonio Telefon AB LM Ericsson  
G: U: yes MCC: BOSWARTHICK, David

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2000-09-12 0 . 2 . 0 [get it](#)  
draft 2000-11-08 0 . 3 . 0 [get it](#)  
draft 2000-11-20 0 . 4 . 0 [get it](#)  
SP-10 2001-01-31 1 . 0 . 0 [get it](#)  
draft 2000-12-30 1 . 1 . 0 [get it](#)  
SP-11 2001-04-11 4 . 0 . 0 [get it](#)

## TR 23.908 Technical report on Pre-Paging

Rel-4 WG (prime) / N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

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

Rel-4 WG (prime) / N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
G: yes U: yes MCC: Chalmers  
KYMALAINEN, Kimmo

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes  
G: U: yes  
N3 / - remarks - this  
release:  
rapporteur: 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.

### 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 / U: yes  
G: yes U: yes  
N4 / - remarks - this  
release:  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera AB

### 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

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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  
freeze\_meeting: SP-11

WG (prime /  
G: yes U: yes

N4 / - NORTEL NETWORKS (EUROPE)

rapporporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo

remarks - general:  
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

freeze\_meeting: SP-11

WG (prime /  
G: U: yes

S2 / - NOKIA TELECOMMUNICATIONS FINLAND

rapporporteur: AXERUD, Bo  
MCC: BOSWARTHICK, David

remarks - general:

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



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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 /

MOTOROLA A/S

ANDERSEN, Niels

rapporteur:

G: yes U: yes

N1 / -

Peter Skov  
JURISIC, Andrijana

MCC:

remarks - this  
release:

remarks - general:

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

Rel-4 current version: 4.3.0

MOTOROLA Ltd

HOWELL, Andrew

rapporteur:

WG (prime /

N1 / -

JURISIC, Andrijana

MCC:

G: yes U: yes

remarks - this  
release:

remarks - general: Transfer>TSG#4, CR at TSG#5

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

Rel-4 WG (prime) / N1 / -  
freeze\_meeting: SP-11 G: yes U: yes

MOTOROLA Ltd

rapporteur: HOWELL, Andrew  
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
NP-11	2001-04-06	4	. 2	. 0	<a href="#">get it</a>
	edito	2001-07-06	4	. 2	. 1
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>

replaces missing section of table

## TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Rel-4 WG (prime) / N4 / -

MOTOROLA A/S

rapporteur: ANDERSEN, Niels  
Peter Skov

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

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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 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

current version: 4.1.1

freeze\_meeting: SP-11

WG (prime /

MOTOROLA A/S

ANDERSEN, Niels

Peter Skov

JURISIC, Andrijana

rappporteur:

N1 / T2

MOTOROLA A/S

G: yes U: yes

MCC:

remarks - this  
release:

remarks - general: Transfer>TSG#4

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

restore missing  
figure

[get it](#)

[get it](#)

[get it](#)

## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

current version: 4.1.0

freeze\_meeting: SP-11

WG (prime /

SIEMENS AG

KLEHN, Norbert

HAN, Seung Don

rappporteur:

N3 / -

SIEMENS AG

G: yes U: yes

MCC:

remarks - this  
release:

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

[get it](#)

[get it](#)

## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

current version: 4.2.0

freeze\_meeting: SP-11

WG (prime /

Nortel Networks (USA)

GARAPATY, Sonia

KYMALAINEN, Kimmo

rappporteur:

N4 / -

Nortel Networks (USA)

G: yes U: yes

MCC:

remarks - this  
release:

remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.

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

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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 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

Rel-4 WG (prime / G: yes U: yes)  
current version: 4.1.0  
freeze\_meeting: SP-11

N4 / - rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

remarks - general:  
release: remarks - this

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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[get it](#)

## TS 24.072 Call Deflection Supplementary Service; Stage 3

Rel-4 WG (prime / G: yes U: yes)  
current version: 4.0.1  
freeze\_meeting: SP-11

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software

remarks - general:

release: remarks - this

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects references 2002-06-24 4 . 0 . 1

[get it](#)  
[get it](#)

## TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

Rel-4 WG (prime / G: yes U: yes)  
current version: 4.3.1  
freeze\_meeting: SP-11

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software

remarks - general:

release: remarks - this

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

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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  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general:  
WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
release: Gesellschaft f, r Kommunikations Software  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-04 4 . 0 . 0  
corrects references 2002-06-24 4 . 0 . 1

[get it](#)  
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## TS 24.082 Call Forwarding supplementary service; Stage 3

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general:  
WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
release: Gesellschaft f, r Kommunikations Software  
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

[get it](#)  
[get it](#)

## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11  
remarks - general:  
WG (prime / N4 / - rapporteur: RUSSELL, Nick  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
release: VODAFONE LTD  
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

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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

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - 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

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

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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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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  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-4  
current version: 4.0.2  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rappporteur: BRUSS, J'rg  
MCC: KYMALAINEN, Kimmo

ERICSSON Eurolab Deutschland GmbH

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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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 current version: 4.1.1

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

N4 / - rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation  
MCC: KYMALAINEN, Kimmo

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 current version: 4.11.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd  
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

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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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) /  
G: U: yes

R4 / - 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
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

## 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) /  
G: U: yes

R4 / - rapporteur: SK-LD, Johan  
MCC: Telefon AB LM Ericsson  
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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R4 / -) rapporteur: KOTTKAMP, Meik  
G: U: yes 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

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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

remarks - general:

WG (prime /  
G: U: yes

R4 / -  
remarks - this  
release:

rappporteur: NILSSON, Martin  
MCC: GUTIERREZ MIGUELEZ, Cesar

Indicate persons who left Company and wait for new  
One

history (event, available, version, comments, hyperlink):

Start of work	2000-08-01	0	0	1	
RP-09	2000-10-13	1	0	0	
RP-10	2000-12-21	1	1	0	RP-000596
RP-11	2001-04-10	4	0	0	
RP-13	2001-10-10	4	1	0	
RP-16	2002-07-01	4	2	0	
RP-17	2002-10-02	4	3	0	
RP-18	2003-01-10	4	4	0	
RP-19	2003-04-04	4	5	0	
RP-20	2003-06-27	4	6	0	
RP-22	2004-01-20	4	7	0	
RP-24	2004-06-24	4	8	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

remarks - general:

WG (prime /  
G: U: yes

R4 / -  
remarks - this  
release:

rappporteur: BARNES, David  
MCC: GUTIERREZ MIGUELEZ, Cesar

DTI - Department of Trade and Industry  
GUTIERREZ MIGUELEZ, Cesar

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-17	2002-10-02	4	3	0	
RP-18	2003-01-10	4	4	0	

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes  
G: U: yes  
R4 / - remarks - this release:  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

## 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	2002-07-03	4	.	5	.	0	.	0
RP-17	2002-10-10	4	.	6	.	0	.	0
RP-18	2003-01-10	4	.	7	.	0	.	0
RP-19	2003-04-04	4	.	8	.	0	.	0
RP-20	2003-07-01	4	.	9	.	0	.	0
RP-21	2003-10-10	4	.	10	.	0	.	0
RP-22	2004-01-23	4	.	11	.	0	.	0
RP-23	2004-04-01	4	.	12	.	0	.	0
RP-24	2004-06-24	4	.	13	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes  
G: U: yes  
R4 / - remarks - this release:  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

## 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	2002-01-17	4	.	3	.	0	.	0
RP-15	2002-03-29	4	.	4	.	0	.	0
RP-16	2002-07-04	4	.	5	.	0	.	0
RP-17	2002-10-04	4	.	6	.	0	.	0
RP-18	2003-01-10	4	.	7	.	0	.	0
RP-19	2003-04-04	4	.	8	.	0	.	0
RP-20	2003-07-01	4	.	9	.	0	.	0
RP-21	2003-10-10	4	.	10	.	0	.	0
RP-22	2004-01-23	4	.	11	.	0	.	0
RP-23	2004-04-01	4	.	12	.	0	.	0
RP-25	2004-09-30	4	.	13	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited  
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	2002-01-16	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 / R4 / - rapporteur: MEYER, Juergen 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	2002-01-16	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

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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) / R4 / - rapporteur: KUMMETZ, Thomas MIKOM GmbH - An Andrew Company  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this Was to have been 25.107. But never was.  
release:

### history (event, available, version, comments, hyperlink):

Start of work	2000-08-01	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) / R1 / - rapporteur: GERSTENBERGER, 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



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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 /

G: U: yes

R1 / -

rappporteur: PARKVALL, Stefan

MCC: ISHII, Yoshikazu

Ericsson AB

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 /

G: U: yes

R1 / -

rappporteur: MICHEL, J, rgen

MCC: ISHII, Yoshikazu

SIEMENS AG

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

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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 / 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):

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:

NORTEL NETWORKS (EUROPE)

BOUMENDIL, Sarah

ISHII, Yoshikazu

MCC:

R1 / -

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

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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 / R1 / - rapporteur: SUZUKI, Hidetoshi

G: U: yes U: yes ISHII, Yoshikazu

MCC: Panasonic Mobile Communications Co., Ltd.

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 / R1 / - rapporteur: CHAPMAN, Thomas

G: U: yes U: yes ISHII, Yoshikazu

MCC: SIEMENS AG

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

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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 / U: yes) R1 / - rapporteur: BEALE, Martin  
G: IPWireless Inc. MCC: ISHII, Yoshikazu  
remarks - this release:

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.

## TS 25.223 Spreading and modulation (TDD)

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / U: yes) R1 / - rapporteur: ISHII, Yoshikazu  
G: MCC: 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-18	2003-01-07	4	.	5	.	0

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: U: yes

R1 / - RUDOLF, Marian  
ISHII, Yoshikazu

rapporteur:  
MCC:

INTERDIGITAL COMMUNICATIONS  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0	.	0
RP-13	2001-10-08	4	.	2	.	0	.	0
RP-14	2002-01-09	4	.	3	.	0	.	0
RP-15	2002-03-29	4	.	4	.	0	.	0
RP-16	2002-06-28	4	.	5	.	0	.	0
RP-17	2002-09-27	4	.	6	.	0	.	0
RP-18	2003-01-07	4	.	7	.	0	.	0
RP-19	2003-04-04	4	.	8	.	0	.	0
RP-21	2003-09-29	4	.	9	.	0	.	0
RP-22	2004-01-14	4	.	10	.	0	.	0
RP-25	2004-09-28	4	.	11	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

R1 / -  
remarks - this  
release:

rapporteur:  
MCC:

CZAPLA, Liliana  
ISHII, Yoshikazu  
INTERDIGITAL COMMUNICATIONS

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 Radio interface protocol architecture

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R2 / -  
remarks - this  
release:

rapporteur:  
MCC:

EKEMARK, Sven  
ARZELIER, Claude  
Telefon AB LM Ericsson

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

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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 /  
G: U: yes

R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

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

## TS 25.303 Interlayer procedures in Connected Mode

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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

freeze\_meeting: SP-11

remarks - general:

R2 / -

rapporporteur: BARRETO, Luis

MCC: ARZELIER, Claude

NOKIA Corporation

U: yes  
remarks - this release:

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 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 current version: 4.7.0

freeze\_meeting: RP-11

remarks - general: Created from 25.923

R2 / -

rapporporteur: MIHAILESCU, Claudiu

MCC: ARZELIER, Claude

NORTEL NETWORKS (EUROPE)

U: yes  
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-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



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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 / R2 / - rapporteur: BERGGREN, Anders Ericsson Incorporated  
G: U: yes MCC: ARZELIER, Claude

### 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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remarks - this release:

## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-4  
current version: 4.4.0  
freeze\_meeting: RP-13  
remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

WG (prime / R2 / R4 rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: ARZELIER, Claude

remarks - this release:

### 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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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) / R2 / -  
G: U: yes  
rapporteur: STADLER, Thomas  
MCC: ARZELIER, Claude  
SIEMENS AG

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0	.	0
RP-13	2001-10-02	4	.	2	.	0	.	0
RP-14	2002-01-04	4	.	3	.	0	.	0
RP-15	2002-03-19	4	.	4	.	0	.	0
RP-16	2002-06-17	4	.	5	.	0	.	0
RP-17	2002-09-18	4	.	6	.	0	.	0
RP-18	2003-01-08	4	.	7	.	0	.	0
RP-19	2003-03-25	4	.	8	.	0	.	0
RP-21	2003-10-02	4	.	9	.	0	.	0
RP-24	2004-06-17	4	.	10	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes

G: U: yes

R2 / - rapporteur: MADELAINE,  
ARZELIER, Claude

MCC: PHILIPS CONSUMER COMMUNICATION  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0	.	0
RP-13	2001-10-03	4	.	2	.	0	.	0
RP-14	2002-01-04	4	.	3	.	0	.	0
RP-15	2002-03-19	4	.	4	.	0	.	0
RP-16	2002-06-17	4	.	5	.	0	.	0
RP-17	2002-09-19	4	.	6	.	0	.	0
RP-18	2003-01-10	4	.	7	.	0	.	0
RP-19	2003-03-25	4	.	8	.	0	.	0
RP-20	2003-06-20	4	.	9	.	0	.	0
RP-21	2003-10-02	4	.	10	.	0	.	0
RP-22	2004-01-12	4	.	11	.	0	.	0
RP-24	2004-06-17	4	.	12	.	0	.	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 / U: yes

G: U: yes

R2 / - rapporteur: HANS, Martin  
ARZELIER, Claude

MCC: INFINEON TECHNOLOGIES  
remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0	.	0
RP-13	2001-10-02	4	.	2	.	0	.	0
RP-14	2002-01-04	4	.	3	.	0	.	0
RP-15	2002-03-19	4	.	4	.	0	.	0
RP-16	2002-06-17	4	.	5	.	0	.	0
RP-17	2002-09-18	4	.	6	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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: 4.4.0

freeze\_meeting: SP-11

remarks - general:

Vodafone D2 GmbH

rporteur: HARTL, Mike  
MCC: ARZELIER, Claude

R2 / -  
remarks - this  
release:

WG (prime) /  
G: U: yes

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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: 4.15.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / U: yes) R2 / - KUCHIBHOTLA, Ravi ARZELIER, Claude  
G: MCC: MOTOROLA Ltd  
remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
RP-12	2001-06-27	4 . 1 . 0	<a href="#">get it</a>
RP-13	2001-10-08	4 . 2 . 0	<a href="#">get it</a>
replace ASN.1	2001-10-16	4 . 2 . 1	<a href="#">get it</a>
RP-14	2002-01-18	4 . 3 . 0	<a href="#">get it</a>
RP-15	2002-03-25	4 . 4 . 0	<a href="#">get it</a>
RP-16	2002-06-20	4 . 5 . 0	<a href="#">get it</a>
RP-17	2002-09-20	4 . 6 . 0	<a href="#">get it</a>
Misimplemented RP-17 CR	2002-09-23	4 . 7 . 0	<a href="#">get it</a>
RP-18	2003-02-03	4 . 8 . 0	<a href="#">get it</a>
RP-19	2003-03-27	4 . 9 . 0	<a href="#">get it</a>
RP-20	2003-06-25	4 . 10 . 0	<a href="#">get it</a>
RP-21	2003-10-02	4 . 11 . 0	<a href="#">get it</a>
RP-22	2004-01-12	4 . 12 . 0	<a href="#">get it</a>
RP-23	2004-03-24	4 . 13 . 0	<a href="#">get it</a>
RP-24	2004-06-28	4 . 14 . 0	<a href="#">get it</a>
RP-25	2004-09-27	4 . 15 . 0	<a href="#">get it</a>

Do not use this version: contains wrong ASN.1

Cover page shows 2004-06 rather than 2004-09

v4.6.0 omitted ASN.1 in error

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R3 / - rapporteur: GODIN, Philippe  
G: U: yes CALDENHOVEN, Juergen  
MCC: 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 / R3 / - rapporteur: KUNZ, Walter  
G: U: yes CALDENHOVEN, Juergen  
MCC: SIEMENS AG  
remarks - this  
release:

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*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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes) R3 / -  
G: rapporteur: DIESEN, Michael  
MCC: CALDENHOVEN, Juergen  
MOTOROLA Ltd  
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

## TS 25.411 UTRAN lu interface layer 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general:

WG (prime / U: yes) R3 / -  
G: 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

## TS 25.412 UTRAN lu interface signalling transport

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general:

WG (prime / U: yes) R3 / -  
G: rapporteur: NG, Cheng Hock  
MCC: CALDENHOVEN, Juergen  
NEC Corporation  
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

G = required in systems with GERAN access; U = required in systems with UMTS

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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/

G: U: yes

R3 / - rapporteur: GUYOT, Olivier NOKIA Corporation

MCC: CALDENHOVEN, Juergen

remarks - this release:

remarks - general:

current version: 4.12.0  
freeze\_meeting: SP-11

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	2002-01-14	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	2002-10-03	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-03-26	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>

G = required in systems with GERAN access; U = required in systems with UMTS



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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 lu interface data transport & transport signalling

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime) / 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 lu interface user plane protocols

Rel-4 current version: 4.7.0

freeze\_meeting: SP-11

remarks - general:

WG (prime) / 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

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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

Rel-4

### UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

current version: 4.10.0

freeze\_meeting: SP-11

WG (prime/

G: U: yes

R3 / - rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc

MCC: CALDENHOVEN, Juergen

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	2002-03-25	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
correct vers no.	2002-08-06	4	.	5	.	1
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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

## TS 25.420

Rel-4

### UTRAN Iur Interface: General Aspects and Principles

current version: 4.2.0

freeze\_meeting: SP-11

WG (prime/

G: U: yes

R3 / - rapporteur: PALAT, Sudeep Lucent Technologies Network Systems UK

MCC: CALDENHOVEN, Juergen

remarks - general:

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

R3 / -

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 /  
G: U: yes

R3 / -

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

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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) / R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson

G: U: yes

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) / R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

G: U: yes

freeze\_meeting: SP-11

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

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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 / R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

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	2002-01-11	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-22	2004-01-13	4	.	4	.	0

[get it](#)  
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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 / R3 / - rapporteur: KEKKI, Sami NOKIA Corporation

G: U: yes MCC: CALDENHOVEN, Juergen

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

# 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):

G: U: yes

R3 / - rapporteur: HAKULI, Tuomas NOKIA Corporation

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	2002-01-11	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):

G: U: yes

R3 / - rapporteur: KOIZUMI, Yoshiko Fujitsu Limited

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-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

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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 /  
G: U: yes

R3 / -

rappporteur: KUNZ, Walter  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

remarks - this  
release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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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 /  
G: U: yes

R3 / -

rappporteur: 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

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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 / 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):

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 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / R3 / - rapporteur: LAVASANI, Shahab

G: U: yes MCC: CALDENHOVEN, Juergen

TeliaSonera AB

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



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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

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)  
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	2002-01-11	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

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: HAUSER, Alexander  
MCC: CALDENHOVEN, Juergen

remarks - this  
release:

Indicate persons who left Company and wait for new  
One

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

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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 25.832 Manifestations of Handover and SRNS relocation

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: TOWNEND, Richard mm02 plc  
CALDENHOVEN, Juergen  
MCC:  
remarks - this RP-15: No upgrade to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

## 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 /  
G: U: yes

R2 / - rapporteur: LIU, YanHui China Academy of Telecommunications Technology  
ARZELIER, Claude  
MCC:  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

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 /  
G: U: yes

R1 / - rapporteur: OESTREICH, Stefan SIEMENS AG  
ISHII, Yoshikazu  
MCC:  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

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

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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)

current version: 4.1.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / R3 / - rapporteur: LENHART, Johannes SIEMENS AG  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

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

## TR 25.840 Terminal power saving features

current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / R1 / - rapporteur: SASAKI, Tsukasa Fujitsu Limited  
G: U: yes MCC: ISHII, Yoshikazu

remarks - this 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

approved unseen at RP-22. No further work envisaged.

G = required in systems with GERAN access; U = required in systems with UMTS

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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 25.841 DSCH power control improvement in soft handover

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / U: yes) R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation  
G: U: yes MCC: ISHII, Yoshikazu  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

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 / U: yes) R2 / - rapporteur: ZHU, Yifei China Academy of Telecommunications Technology  
G: U: yes MCC: ARZELIER, Claude  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

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 / U: yes) R2 / - rapporteur: KRISHNARAJAH, Ericsson AB  
G: U: yes MCC: Ainkaran  
ARZELIER, Claude  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 25.847 UE positioning enhancements

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R2 / rapporteur: BECKMANN, Mark  
MCC: ARZELIER, Claude

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:

R1 / rapporteur: IKEDA, Shinobu  
MCC: ISHII, Yoshikazu

remarks - this  
release: RP-15: Not to be promoted to Rel-5.

WG (prime /  
G: U: yes

history (event, available, version, comments, hyperlink):

RP-11 2001-04-05 4 . 0 . 0

[get it](#)

## TR 25.849 DSCH power control improvement in soft handover

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

R3 / - rapporteur: WOONHEE, Hwang  
MCC: CALDENHOVEN, Juergen

remarks - this  
release: RP-15: No upgrade to Rel-5.

WG (prime /  
G: U: yes

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

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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 /  
G: U: yes

R3 / - rapporteur: HAUTALA, Jari NOKIA Corporation  
MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

RP-10	2000-12-21	0	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		

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## 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 /  
G: U: yes

R3 / rapporteur: IRWIN, Sania MOTOROLA GmbH  
MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

RP-10	2000-12-21	0	0	2	RP-000660
RP-11	2001-04-06	4	0	0	

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## 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 /  
G: U: yes

R3 / - rapporteur: VON BRANDT, Armin SIEMENS AG  
MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
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

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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

Rel-4 WG (prime) / U: yes  
G: U: yes

R2 / -

rapporporteur: BARRETO, Luis  
MCC: ARZELIER, Claude

NOKIA Corporation

freeze\_meeting: SP-11

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

Rel-4 WG (prime) / U: yes  
G: U: yes

R2 / -

rapporporteur: HUS, Olivier  
MCC: ARZELIER, Claude

Philips Research Laboratories

freeze\_meeting: SP-11

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 acces; U = required in systems with UMTS

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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 / R1 / - rapporteur: AKSENTIJEVIC, Mirko NOKIA Corporation

G: U: yes MCC: ISHII, Yoshikazu

remarks - this RP-15: Not to be promoted to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

RP-07	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

## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 current version: 4.4.0

freeze\_meeting: SP-07

remarks - general:

WG (prime / 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

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / R3 / - rapporteur: YOSHIMIJRA, Takayuki Vodafone K.K.  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

draft	2000-04-25	0	0	0	
draft	2000-05-16	0	0	1	<a href="#">get it</a>
RP-09	2000-09-28	0	2	0	<a href="#">get it</a>
RP-10	2000-12-21	0	2	1	<a href="#">get it</a>
RP-11	2001-04-06	4	0	0	<a href="#">get it</a>

## TR 25.935 RRM optimisation

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / R3 / - rapporteur: VAN LIESHOUT, Ger- SAMSUNG Electronics Research Institute  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

Start of work	2000-08-01	0	0	0	
draft	2000-07-15	0	0	1	<a href="#">get it</a>
R3-15	2000-08-15	0	1	0	<a href="#">get it</a>
RP-10	2000-12-21	0	1	1	<a href="#">get it</a>
draft	2000-10-16	1	0	0	<a href="#">get it</a>
RP-11	2001-04-06	4	0	0	<a href="#">get it</a>
RP-15	2002-03-25	4	1	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

## 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 / R3 / - rapporteur: MOUSSET, Claire NORTEL NETWORKS (EUROPE)  
G: U: yes CALDENHOVEN, Juergen  
MCC: RP-15: Not to be promoted to Rel-5.  
remarks - this release:

### 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					

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 25.937 UTRAN TDD low chiprate

Rel-4 current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / R3 / - rapporteur: XU, Bing HuaWei Technologies Co., Ltd  
G: U: yes CALDENHOVEN, Juergen  
MCC: RP-15: No upgrade to Rel-5.  
remarks - this release:

### 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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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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 Radio Frequency (RF) system scenarios

Rel-4 current version: 4.2.0

freeze\_meeting: SP-12

remarks - general: Additional rapporteur = A.De Pasquale.

WG (prime / 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-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 Deployment aspects

Rel-4 current version: 4.2.0

freeze\_meeting: RP-12

remarks - general:

WG (prime / R4 / - rapporteur: SK-LD, Johan Telefon AB LM Ericsson

G: U: yes 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

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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 / U: yes) R1 / - rapporteur: IKEDA, Shinobu  
G: U: yes MCC: ISHII, Yoshikazu  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

### 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](#)  
[get it](#)  
[get it](#)

## TR 25.945 RF requirements for low chip rate TDD option

Rel-4  
current version: 4.1.1  
freeze\_meeting: SP-11

WG (prime / U: yes) R4 / - rapporteur: ZHANG, Daijun  
G: U: yes 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-000678  
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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 Iu

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: VESELY, Alexander SIEMENS AG  
MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

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-000656
RP-11	2001-04-06	4	0	0	

[get it](#)  
[get it](#)  
[get it](#)

## TR 25.950 UTRA high speed downlink packet access

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd  
MCC: ARZELIER, Claude  
remarks - this RP-15: Not to be promoted to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

draft	2000-11-07	0	0	0	
RP-11	2001-03-27	4	0	0	

[get it](#)  
[get it](#)

## TR 25.953 TrFO/TFO

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: VESELY, Alexander SIEMENS AG  
MCC: CALDENHOVEN, Juergen  
remarks - this RP-15: No upgrade to Rel-5.  
release:

history (event, available, version, comments, hyperlink):

RP-10	2000-12-21	0	0	3	RP-000664
RP-11	2001-04-06	4	0	0	

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 25.954 Migration to modification procedure

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

R3 / -

rapporteur: YOSHIMIJRA, Takayuki  
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

[get it](#)

## TR 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-4  
current version: 4.0.0  
freeze\_meeting: RP-11

remarks - general:

WG (prime /  
G: U: yes

R4 / -

rapporteur: GARCIA LOPEZ,  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this  
release: TELEFONICA S.A.

history (event, available, version, comments, hyperlink):

RP-11 2001-04-10 4 . 0 . 0

[get it](#)

## TR 25.993

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

### Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

WG (prime /  
G: U: yes

R2 /

rapporteur: FAUCONNIER, Denis  
MCC: ARZELIER, Claude

remarks - this  
release: Pointer to latest release version.  
NORTEL NETWORKS (EUROPE)

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

[get it](#)  
[get it](#)

Rel-4

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

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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 /  
G: yes U: yes  
S4 / -  
rapporteur: EKUDDEN, Erik  
USAI, Paolino  
Telefon AB LM Ericsson  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 26.073 AMR speech Codec; C-source code

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general:

WG (prime /  
G: yes U: yes  
S4 / -  
rapporteur: EKUDDEN, Erik  
USAI, Paolino  
Telefon AB LM Ericsson  
MCC:  
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

[get it](#)  
[get it](#)

---

## 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 /  
G: yes U: yes  
S4 / -  
rapporteur: EKUDDEN, Erik  
USAI, Paolino  
Telefon AB LM Ericsson  
MCC:  
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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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  
*remarks - general:*  
WG (prime / S4 / - *rapporteur:* USAI, Paolino  
G: yes U: yes *MCC:* USAI, Paolino  
*TELECOM ITALIA S.p.A.*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

**TS 26.090** AMR speech Codec; Transcoding Functions  
Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Transfer>TSG#4  
WG (prime / S4 / - *rapporteur:* EKUDDEN, Erik  
G: yes U: yes *MCC:* USAI, Paolino  
*Telefon AB LM Ericsson*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-07 4 . 0 . 0

[get it](#)

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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  
*remarks - general:* Transfer>TSG#4  
WG (prime / S4 / - *rapporteur:* EKUDDEN, Erik  
G: yes U: yes *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](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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) / G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

S4 / - 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 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-4 WG (prime) / G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

S4 / - rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson  
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) / G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
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

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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**

WG (prime) / S4 / - rapporteur: HAGQVIST, Jari

current version: 4.2.0

freeze\_meeting: SP-11

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
SP-12 2001-06-27 4 . 1 . 0 [get it](#)  
SP-15 2002-03-28 4 . 2 . 0 [get it](#)

## TS 26.102

Rel-4 **Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

WG (prime) / S4 / - rapporteur: NAVARRO, William

current version: 4.1.0

freeze\_meeting: SP-11

MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general:

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
SP-19 2003-04-04 4 . 1 . 0 [get it](#)

## TS 26.103

Rel-4 **Speech codec list for GSM and UMTS**

WG (prime) / S4 / - rapporteur: HELLWIG, Karl

current version: 4.3.0

freeze\_meeting: SP-11

MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general: New after TSG#5

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-10 2000-12-21 4 . 0 . 0 [get it](#)  
SP-11 2001-04-10 4 . 1 . 0 [get it](#)  
SP-14 2002-01-09 4 . 2 . 0 [get it](#)  
SP-16 2002-06-28 4 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime) / U: yes  
G: yes U: yes

TELECOM ITALIA S.p.A.

USAI, Paolino  
USAI, Paolino

rappporteur:  
MCC:

S4 / -

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-10	2000-12-21	4	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-27	4	.	1	.	0		<a href="#">get it</a>
bug fix	2001-06-29	4	.	1	.	1		<a href="#">get it</a>
SP-13	2001-10-02	4	.	2	.	0		<a href="#">get it</a>
SP-15	2002-03-28	4	.	3	.	0		<a href="#">get it</a>
SP-19	2003-04-04	4	.	4	.	0		<a href="#">get it</a>
SP-20	2003-06-25	4	.	5	.	0		<a href="#">get it</a>

---

## TS 26.110 Codec for circuit switched multimedia telephony service; General description

Rel-4 WG (prime) / U: yes  
G: yes U: yes

TOSHIBA CO

ARONSON, Barry  
USAI, Paolino

rappporteur:  
MCC:

S4 / -

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

SP-09	2000-10-10	4	.	0	.	0		<a href="#">get it</a>
SP-11	2001-04-10	4	.	1	.	0		<a href="#">get it</a>

---

## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

Rel-4 WG (prime) / U: yes  
G: yes U: yes

TOSHIBA CO

ARONSON, Barry  
USAI, Paolino

rappporteur:  
MCC:

S4 / -

remarks - this  
release:

remarks - general: CR at TSG#5

history (event, available, version, comments, hyperlink):

SP-11	2001-04-10	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

# 3GPP specification status

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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 multi-media services

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

S4 / - TELECOM ITALIA S.p.A.

rappporteur: USAI, Paolino  
MCC: USAI, Paolino

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 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

S4 / - TELLABS OPERATIONS INC.

rappporteur: GOETZ, Ian  
MCC: USAI, Paolino

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 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

S4 / - TELLABS OPERATIONS INC.

rappporteur: GOETZ, Ian  
MCC: USAI, Paolino

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

[get it](#)

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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

remarks - general:

WG (prime /  
G: U: yes

S4 / -

rappporteur:  
MCC:

HONKO, Harri  
USAI, Paolino  
NOKIA Corporation  
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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 26.234 Transparent end-to-end streaming service; Protocols and codecs

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

S4 / -

rappporteur:  
MCC:

FRANCESCHI, Olle  
USAI, Paolino  
Nippon Ericsson K.K.  
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

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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 / S4 / - rapporteur: OHANA, Alain  
G: yes U: yes MCC: USAI, Paolino  
Cingular Wireless LLC  
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 / S4 / - rapporteur: HAAVISTO, Petri  
G: yes U: yes MCC: USAI, Paolino  
Nokia Research Center  
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

[get it](#)  
[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 / S4 / - rapporteur: FRANCESCHI, Olle  
G: U: yes MCC: USAI, Paolino  
Nippon Ericsson K.K.  
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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime / G: yes U: yes)  
freeze\_meeting: SP-11

S4 / - rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino

Telefon AB LM Ericsson

remarks - general: Replaces 26.075, 2001-10-02. Also for GSM.  
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

[get it](#)  
[get it](#)

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## TR 26.978 Results of the AMR noise suppression selection phase

Rel-4 WG (prime / G: yes U: yes)  
freeze\_meeting: SP-11

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general: Replaces 26.078  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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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

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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 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-4 WG (prime) /  
G: yes U: yes

N3 / - rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-08	2000-06-28	4	.	0	.	0		<a href="#">get it</a>
NP-09	2000-10-23	4	.	1	.	0		<a href="#">get it</a>
NP-10	2001-01-04	4	.	2	.	0		<a href="#">get it</a>
NP-11	2001-04-05	4	.	3	.	0		<a href="#">get it</a>
NP-12	2001-07-04	4	.	4	.	0		<a href="#">get it</a>
NP-13	2001-10-10	4	.	5	.	0		<a href="#">get it</a>
NP-14	2002-01-11	4	.	6	.	0		<a href="#">get it</a>
NP-15	2002-03-20	4	.	7	.	0		<a href="#">get it</a>
NP-17	2002-09-17	4	.	8	.	0		<a href="#">get it</a>
NP-19	2003-03-27	4	.	9	.	0		<a href="#">get it</a>
NP-20	2003-06-25	4	.	10	.	0		<a href="#">get it</a>
NP-21	2003-10-01	4	.	11	.	0		<a href="#">get it</a>
NP-24	2004-06-18	4	.	12	.	0		<a href="#">get it</a>

## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-4 WG (prime) /  
G: yes U: yes

N3 / - rapporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-09 (probably)	2000-10-12	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



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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

Rel-4  
WG (prime) / N3 / -  
G: yes U: yes  
freeze\_meeting: SP-11  
rapporporteur: HUSLENDE, Ragnar  
MCC: HAN, Seung Don  
Telefon AB LM Ericsson  
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

[get it](#)  
[get it](#)

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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-4  
WG (prime) / T2 / -  
G: yes U: yes  
freeze\_meeting: SP-11  
rapporporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm  
Research In Motion Limited  
remarks - general:  
remarks - this release:

### 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

[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## 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 / T2 / - rapporteur: VOTE, Nicola  
G: yes U: yes RODERMUND, Friedhelm  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

TP-09	2000-10-11	4	.	0	.	0
TP-11	2001-04-11	4	.	1	.	0
TP-12	2001-07-04	4	.	2	.	0
TP-14	2002-01-15	4	.	3	.	0
TP-15	2002-04-04	4	.	4	.	0
TP-18	2002-12-20	4	.	5	.	0
TP-19	2003-03-31	4	.	6	.	0

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## 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 / T2 / - rapporteur: RODERMUND, Friedhelm  
G: yes U: yes RODERMUND, Friedhelm  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

TP-11	2001-04-06	4	.	0	.	0
TP-13	2001-10-04	4	.	1	.	0
TP-15	2002-03-25	4	.	2	.	0

[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 27.060** Packet domain; Mobile Station (MS) supporting Packet Switched services  
Rel-4 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-11  
remarks - general: GPRS

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.  
MCC: HAN, Seung Don  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0 [get it](#)  
NP-16 2002-06-24 4 . 1 . 0 [get it](#)  
NP-17 2002-09-17 4 . 2 . 0 [get it](#)  
NP-20 2003-06-23 4 . 3 . 0 [get it](#)  
NP-20 2003-07-01 4 . 3 . 1 [get it](#)

edito post NP-20: 2003-07-01 4 . 3 . 1  
corrects typo  
(wrong version no.  
on cover)

**TS 27.103** Wide Area Network Synchronization

Rel-4 current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: yes MCC: RODERMUND, Friedhelm  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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)

## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 current version: 4.1.0

freeze\_meeting: SP-11

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0

TP-15 2002-03-26 4 . 1 . 0

[get it](#)

[get it](#)

## TR 27.903 Discussion of synchronization standards

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes MCC: RODERMUND, Friedhelm

remarks - general:

TP-15: Not to be promoted to Rel-5.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11 2001-04-02 4 . 0 . 0

[get it](#)

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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

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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 WG (prime) / S4 / - rapporteur: SUERBAUM, Clemens SIEMENS AG

freeze\_meeting: SP-11 G: yes U: yes

remarks - general: Transfer>TSG#4

MCC: USAI, Paolino

remarks - this TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.  
release:

### history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	.	0	.	0		<a href="#">get it</a>
SP-09	2000-10-18	0	.	0	.	3		<a href="#">get it</a>
SP-10	2000-12-21	1	.	0	.	0	NP-000568	<a href="#">get it</a>
draft	2001-02-08	1	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-10	4	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-27	4	.	1	.	0		<a href="#">get it</a>
edito	2001-10-01	4	.	1	.	1		<a href="#">get it</a>
SP-14	2002-01-09	4	.	2	.	0		<a href="#">get it</a>
SP-15	2002-03-28	4	.	3	.	0		<a href="#">get it</a>
SP-16	2002-06-28	4	.	4	.	0		<a href="#">get it</a>
SP-18	2003-01-03	4	.	5	.	0		<a href="#">get it</a>

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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)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

N4 / -

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

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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

Rel-4  
current version: 4.11.0  
freeze\_meeting: SP-11

WG (prime / N3 / -

rapporteur: BELLING, Thomas

SIEMENS AG

MCC: HAN, Seung Don

G: yes U: yes

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	2001-01-04	4	.	1	.	0		<a href="#">get it</a>
NP-11	2001-03-29	4	.	2	.	0		<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0		<a href="#">get it</a>
NP-16	2002-06-24	4	.	4	.	0		<a href="#">get it</a>
NP-17	2002-09-17	4	.	5	.	0		<a href="#">get it</a>
NP-18	2003-01-09	4	.	6	.	0		<a href="#">get it</a>
NP-19	2003-03-27	4	.	7	.	0		<a href="#">get it</a>
NP-20	2003-06-23	4	.	8	.	0		<a href="#">get it</a>
NP-21	2003-10-01	4	.	9	.	0		<a href="#">get it</a>
NP-22	2004-01-22	4	.	10	.	0		<a href="#">get it</a>
NP-24	2004-06-18	4	.	11	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 (BSS - MCS) and Base Station System (MS - BSS) and Base Station System (BSS - MCS)  
Rel-4 current version: Signalling Procedures and the Mobile Application Part (MAP) N4  
TeliaSonera AB / - rapporteur: 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
NP-12	2001-07-06	4	.	1	.	0
NP-14	2002-01-11	4	.	2	.	0
NP-16	2002-06-21	4	.	3	.	0
NP-17	2002-09-18	4	.	4	.	0
NP-18	2003-01-07	4	.	5	.	0
NP-20	2003-06-27	4	.	6	.	0
NP-22	2004-01-12	4	.	7	.	0
NP-23	2004-03-24	4	.	8	.	0

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[get it](#)  
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[get it](#)

**TS 29.011** Signalling Interworking for Supplementary Services

Rel-4 current version: 4.0.1  
freeze\_meeting: SP-11  
WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - this release: Gesellschaft f, r Kommunikations Software

remarks - general:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
correct references	2002-06-25	4	.	0	.	1

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 29.013

Rel-4

**Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

WG (prime): 4.0.1

rapporporteur: WIEHE, Ulrich

freeze\_meeting: SP-11

MCC: KYMALAINEN, Kimmo

remarks - general: Transfer>TSG#4

remarks - this

release:

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

Rel-4

**Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

WG (prime): 4.1.0

rapporporteur: DAWES, Peter

freeze\_meeting: SP-11

MCC: JURISIC, Andrijana

remarks - general:

remarks - this

release:

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

Rel-4

**General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**

WG (prime): 4.5.0

rapporporteur: DAWES, Peter

freeze\_meeting: SP-11

MCC: JURISIC, Andrijana

remarks - general:

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 2002-01-04 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

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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  
Rel-4

General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

current version: 4.11.0

freeze\_meeting: SP-11

WG (prime) /

G: yes U: yes

N4 / -

rapporteur:

KYMALAINEN, Kimmo TellaSonera.AB

MCC:

KYMALAINEN, Kimmo

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-03-30	4	.	0	.	0	.	0
NP-12	2001-07-04	4	.	1	.	0	.	0
NP-13	2001-10-03	4	.	2	.	0	.	0
NP-14	2002-01-11	4	.	3	.	0	.	0
NP-15	2002-03-28	4	.	4	.	0	.	0
NP-17	2002-09-18	4	.	5	.	0	.	0
NP-18	2003-01-07	4	.	6	.	0	.	0
NP-19	2003-04-04	4	.	7	.	0	.	0
NP-20	2003-06-27	4	.	8	.	0	.	0
NP-21	2003-10-09	4	.	9	.	0	.	0
NP-22	2004-01-12	4	.	10	.	0	.	0
NP-23	2004-03-24	4	.	11	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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ACTIVE specs Rel-4  
 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)**  
 Rel-4 *current version:* 4.10.0  
*freeze\_meeting:* SP-11  
*WG (prime/* N3 */ -* rapporteur: HUSLENDE, Ragnar  
 G: yes U: yes 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".  
*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	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-16	2002-07-02	4	.	5	.	0	<a href="#">get it</a>
NP-18	2003-01-09	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-03-27	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-23	4	.	8	.	0	<a href="#">get it</a>
NP-22	2004-01-15	4	.	9	.	0	<a href="#">get it</a>
NP-24	2004-06-18	4	.	10	.	0	<a href="#">get it</a>

**TS 29.078** **customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
 Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11  
 remarks - general: NP-24: txferred to N4 on closure of N2.  
*WG (prime/* N4 */ -* rapporteur: NOLDUS, Rogier  
 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - this release:* Phase 3

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-29	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-03	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>
NP-17	2002-09-17	4	.	6	.	0	<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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

Rel-4  
WG (prime): R3 / -  
G: U: yes  
current version: 4.4.0  
freeze\_meeting: SP-11  
remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)

rapporteur: VESELY, Alexander  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

### history (event, available, version, comments, hyperlink):

RP-11	2001-04-06	4	.	0	.	0
RP-13	2001-10-12	4	.	1	.	0
RP-16	2002-06-28	4	.	2	.	0
RP-18	2003-01-03	4	.	3	.	0
RP-19	2003-03-26	4	.	4	.	0

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## TS 29.119 GPRS Tunneling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-4  
WG (prime): N4 / -  
G: U: yes  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: New after TSG#5

rapporteur: AIKAWA, Shinichiro  
MCC: KYMALAINEN, Kimmo  
Fujitsu Limited

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	.	0	.	0
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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR): Stage 3

Rel-4  
WG (prime): N4 / -  
G: U: yes  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: New after TSG#5

rapporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo  
NTT COMMWARE Corporation

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-09	2000-10-25	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 WG (prime) / N5 / rapporteur: ABARCA, Chelo  
freeze\_meeting: NP-11 G: U: yes MCC: ZOICAS, Adrian  
ALCATEL S.A.

remarks - general:  
remarks - this release:

### 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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data

WG (prime) / N5 /

G: U: yes

ALCATEL S.A.

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - general: freeze\_meeting: NP-11  
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
NP-20	2003-06-18	4	.	6	.	0
NP-22	2004-01-14	4	.	7	.	0

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## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

WG (prime) / N5 /

G: U: yes

ALCATEL S.A.

rapporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - general: freeze\_meeting: NP-11  
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-16	2002-07-05	4	.	5	.	0
NP-17	2002-10-01	4	.	6	.	0
NP-19	2003-03-31	4	.	7	.	0
NP-20	2003-06-18	4	.	8	.	0
NP-24	2004-06-21	4	.	9	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 current version: 4.10.0

freeze\_meeting: SP-11

WG (prime): N5 /

G: U: yes

ALCATEL S.A.

rappporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11		1	.	0	.	0	.	0
edito	2001-03-27	1	.	0	.	1	.	
NP-12		2	.	0	.	0	.	0
NP-12	2001-06-29	4	.	0	.	0	.	0
NP-13	2001-10-12	4	.	1	.	0	.	0
NP-14	2002-01-08	4	.	2	.	0	.	0
NP-15	2002-03-20	4	.	3	.	0	.	0
NP-16	2002-07-05	4	.	4	.	0	.	0
NP-17	2002-10-01	4	.	5	.	0	.	0
NP-19	2003-03-31	4	.	6	.	0	.	0
NP-20	2003-06-18	4	.	7	.	0	.	0
NP-22	2004-01-14	4	.	8	.	0	.	0
NP-24	2004-06-21	4	.	9	.	0	.	0
NP-25	2004-09-23	4	.	10	.	0	.	0

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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: Generic user interaction

Rel-4  
current version: 4.9.0  
freeze\_meeting: NP-11  
remarks - general:  
WG (prime) / N5 / rapporteur: ABARCA, Chelo  
G: U: yes MCC: ZOICAS, Adrian  
ALCATEL S.A.  
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	<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>
NP-15	2002-03-20	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>

## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-4  
current version: 4.5.0  
freeze\_meeting: NP-11  
remarks - general:  
WG (prime) / N5 / rapporteur: ABARCA, Chelo  
G: U: yes MCC: ZOICAS, Adrian  
ALCATEL S.A.  
remarks - this release:

### 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>
IDL file corrected	2001-07-12	4	.	1	.	1	<a href="#">get it</a>
NP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
edito	2001-10-12	4	.	2	.	1	<a href="#">get it</a>
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	5	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities

Rel-4  
current version: 4.5.0  
freeze\_meeting: NP-11

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
ZOICAS, Adrian

MCC:

N5 /

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

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## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-4  
current version: 4.8.0  
freeze\_meeting: NP-11

ALCATEL S.A.

rapporteur: ABARCA, Chelo  
ZOICAS, Adrian

MCC:

N5 /

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-17	2002-10-01	4	.	5	.	0	.	0
NP-19	2003-03-31	4	.	6	.	0	.	0
NP-20	2003-06-18	4	.	7	.	0	.	0
NP-24	2004-06-21	4	.	8	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 WG (prime) / N5 / rapporteur: ABARCA, Chelo  
freeze\_meeting: SP-11 G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:  
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

Rel-4 WG (prime) / N5 / rapporteur: ABARCA, Chelo  
freeze\_meeting: SP-11 G: U: yes MCC: ZOICAS, Adrian

ALCATEL S.A.

remarks - general:  
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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

WG (prime) /

G: U: yes

N4 /

rapporporteur: ANGELO, Ciriaco

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

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) /

G: U: yes

N4 /

rapporporteur: HEIDERMARK, Alf

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

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 acces; U = required in systems with UMTS

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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

WG (prime /

VODAFONE LTD

PARK, Ian David

rapporporteur:

N4 / -

G: U: yes

Chalmers

KYMALAINEN, Kimmo

MCC:

remarks - this release:

current version: 4.9.0

freeze\_meeting: SP-11

Additional rapporporteur: Laura.Pomponi@CSELT.IT

### history (event, available, version, comments, hyperlink):

NP-10	2001-01-12	1	0	0	NP-000652
NP-11	2001-03-30	4	0	0	
NP-12	2001-07-04	4	1	0	
NP-13	2001-10-05	4	2	0	
NP-14	2002-01-11	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-18	2003-01-07	4	7	0	
NP-20	2003-06-27	4	8	0	
NP-25	2004-09-30	4	9	0	

## TS 29.414 Core network Nb data transport and transport signalling

WG (prime /

SIEMENS AG

BELLING, Thomas

rapporporteur:

N3 / -

G: U: yes

HAN, Seung Don

MCC:

remarks - this release:

current version: 4.4.0

freeze\_meeting: SP-11

### history (event, available, version, comments, hyperlink):

NP-11	2001-04-06	4	0	0	
NP-12	2001-06-28	4	1	0	
NP-13	2001-10-03	4	2	0	
NP-14	2002-01-11	4	3	0	
NP-15	2002-03-20	4	4	0	

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

N3 / -

rappporteur: BELLING, Thomas  
MCC: HAN, Seung Don

SIEMENS AG

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

remarks - this  
release:

## TR 29.994

Rel-4 current version: 4.0.1

freeze\_meeting: SP-11

remarks - general:

G: yes U: yes

remarks - this  
release:

Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

WG (prime /

N1 / RP

rappporteur: ANDERSEN, Niels  
Peter Skov

MOTOROLA A/S

MCC: JURISIC, Andrijana

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  
TS to TR.

[get it](#)  
[get it](#)

## TR 29.998-01

Rel-4 current version: 4.0.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /

N5 /

rappporteur: ABARCA, Chelo  
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

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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

remarks - general:

WG (prime) / N5 /  
G: U: yes

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-02 4 . 0 . 0

NP-12 2001-06-29 4 . 1 . 0

NP-13 2001-10-05 4 . 2 . 0

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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

Rel-4 current version: 4.0.0

freeze\_meeting: NP-11

remarks - general:

WG (prime) / N5 /  
G: U: yes

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-02 4 . 0 . 0

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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

Rel-4 current version: 4.0.0

freeze\_meeting: NP-12

remarks - general:

WG (prime) / N5 /  
G: U: yes

rapporporteur: ABARCA, Chelo

MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-03-26 1 . 0 . 0

edito 2001-04-02 1 . 0 . 1

NP-12 2 . 0 . 0

NP-12 2001-06-29 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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): N5 /  
G: U: yes  
rapporteur: ABARCA, Chelo  
MCC: ZOICAS, Adrian

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 29.998-08 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): N5 /  
G: U: yes  
rapporteur: 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)

Rel-4  
WG (prime): N4 / -  
G: yes U: yes  
rapporteur: 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 f, r 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

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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 *WG (prime /* T3 / - *rappporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new freeze\_meeting: TP-21 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm *One*  
*remarks - general:* Test spec for 23.048. *TP-24:* target for approval = TP-25.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

## **TS 31.101** **UICC-terminal interface; Physical and logical characteristics**

Rel-4 *current version:* 4.1.0 *WG (prime /* T3 / SCP *rappporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* RODERMUND, Friedhelm  
*remarks - general:* Contents is a reference to ETSI TR 102 221. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-09 4 . 0 . 0 [get it](#)  
TP-18 2003-01-02 4 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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: 4.13.0

freeze\_meeting: SP-11

remarks - general:

WG (prime) / T3 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

G: U: yes MCC: RODERMUND, Friedhelm

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	<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-15	2002-03-28	4	.	4	.	0	<a href="#">get it</a>
TP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
TP-17	2002-09-25	4	.	6	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	7	.	0	<a href="#">get it</a>
TP-19	2003-04-01	4	.	8	.	0	<a href="#">get it</a>
TP-20	2003-06-23	4	.	9	.	0	<a href="#">get it</a>
TP-21	2003-09-30	4	.	10	.	0	<a href="#">get it</a>
TP-22	2004-01-12	4	.	11	.	0	<a href="#">get it</a>
TP-23	2004-03-25	4	.	12	.	0	<a href="#">get it</a>
TP-24	2004-06-15	4	.	13	.	0	<a href="#">get it</a>

## 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) / T3 / - rapporteur: DIETRICH, Christian Axalto S.A.

G: U: yes MCC: RODERMUND, Friedhelm

remarks - this release:

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	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4

### Universal Subscriber Identity Module Application Toolkit (USAT)

WG (prime / G: yes U: yes)  
freeze\_meeting: SP-11

rapporteur: DUBOIS, Christophe  
MCC: RODERMUND, Friedhelm

T3 / -

remarks - this release: Axalto S.A.

#### history (event, available, version, comments, hyperlink):

TP-09	2000-10-18	4	.	0	.	0	
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>

## TS 31.120

Rel-4

### UICC-terminal interface; Physical, electrical and logical test specification

WG (prime / G: U: yes)  
freeze\_meeting: SP-11

rapporteur: MAESER, Torsten  
MCC: RODERMUND, Friedhelm

T3 / -

remarks - this release: Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.

#### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / T3 / -  
G: U: yes

rapporteur: WILLENBRINK, Udo

Orga Test Systems Gmbh

freeze\_meeting: SP-12

MCC: RODERMUND, Friedhelm

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	<a href="#">get it</a>
TP-16	2002-06-19	4	.	1	.	0	.	0	<a href="#">get it</a>
TP-17	2002-09-18	4	.	2	.	0	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	3	.	0	.	0	<a href="#">get it</a>
TP-19	2003-03-26	4	.	4	.	0	.	0	<a href="#">get it</a>
TP-20	2003-06-23	4	.	5	.	0	.	0	<a href="#">get it</a>
TP-21	2003-09-29	4	.	6	.	0	.	0	<a href="#">get it</a>
TP-23	2004-03-26	4	.	7	.	0	.	0	<a href="#">get it</a>
TP-24	2004-06-15	4	.	8	.	0	.	0	<a href="#">get it</a>
TP-25	2004-10-08	4	.	9	.	0	.	0	<a href="#">get it</a>

## TS 31.122 Rel-4

### Universal Subscriber Identity Module (USIM) conformance test specification

WG (prime / T3 / -  
G: U: yes

rapporteur: KNIGHT, Simon

ASPECTS Software Ltd

MCC: RODERMUND, Friedhelm

freeze\_meeting: SP-12

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which

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):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 31.124 Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

Rel-4 WG (prime) / T3 / - rapporteur: LAFFONT, Eric GEMPLUS S.A.  
freeze\_meeting: none G: U: yes MCC: RODERMUND, Friedhelm  
remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, O ?), or which Release, but logically should be R99. WI  
UID later confirmed as 43009. Pointer to latest Release.  
remarks - this 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)

### TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 WG (prime) / S5 / - rapporteur: TRUSS, Michael MCC: ZOICAS, Adrian  
freeze\_meeting: SP-11 G: U: yes  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11	2001-03-28	4	.	0	.	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

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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 / 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 / S5 / - rapporteur: SCHMIDT, Joerg MOTOROLA A/S

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

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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 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-4 current version: 4.7.0

freeze\_meeting: SP-12

remarks - general: TSG#8: split into 4 parts

MOTOROLA AIS

WG (prime): S5 / -

rapporteur: SCHMIDT, Joerg

MCC: ZOICAS, Adrian

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

Rel-4 current version: 4.6.0

freeze\_meeting: SP-12

remarks - general: TSG#8: split into 4 parts

Ericsson Incorporated

WG (prime): S5 / -

rapporteur: TSE, Edwin

MCC: ZOICAS, Adrian

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

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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

Rel-4  
current version: 4.6.0  
freeze\_meeting: SP-12  
remarks - general: TSG#8: split into 4 parts

WG (prime) / S5 / -  
G: yes U: yes

rapporteur: POLLAKOWSKI, Olaf  
MCC: ZOICAS, Adrian

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 Telecommunication management; Charging management; Charging principles

Rel-4  
current version: 4.5.0  
freeze\_meeting: SP-14

WG (prime) / S5 /  
G: yes U: yes

rapporteur: GOERMER, Gerald  
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

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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

Rel-4

Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

current version: 4.7.0

freeze\_meeting: SP-11

WG (prime): S5 /

G: U: yes

rapporteur: ALEXANDER, Benni

MCC: ZOICAS, Adrian

NOKIA Corporation

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



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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  
Rel-4

Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

current version: 4.8.0

WG (prime): S5 /

NOKIA Corporation

rapporporteur: ALEXANDER, Benni

freeze\_meeting: SP-11

MCC:

ZOICAS, Adrian

G: U: yes

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	2001-10-09	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

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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): S5 /

G: U: yes

rappporteur: GOERMER, Gerold

MCC: ZOICAS, Adrian

SIEMENS AG

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): S5 / -

G: yes U: yes

rappporteur: TOVINGER, Thomas

MCC: ZOICAS, Adrian

Telefon AB LM Ericsson

remarks - this release:

remarks - general: Replaces 32.106-8 (pars)

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

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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

WG (prime): S5 / -

G: yes U: yes

freeze\_meeting: SP-12

MOTOROLA A/S

rappporteur: SCHMIDT, Joerg

MCC: ZOICAS, Adrian

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)

WG (prime): S5 / -

freeze\_meeting: SP-12

Ericsson Incorporated

rappporteur: TSE, Edwin

MCC: ZOICAS, Adrian

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

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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)

Rel-4 current version: Solution Set (SS) 4.5.0 WG (prime) / S5 / -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

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)

Rel-4 current version: 4.2.1 WG (prime) / S5 / -rapporteur: POLLAKOWSKI, Olaf SIEMENS AG

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

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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 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-4  
WG (prime) / S5 / rapporteur: TSE, Edwin  
Ericsson Incorporated  
G: yes U: yes MCC: ZOICAS, Adrian  
remarks - general: was 32.112-1  
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	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)

Rel-4  
WG (prime) / S5 / rapporteur: TSE, Edwin  
Ericsson Incorporated  
G: yes U: yes MCC: ZOICAS, Adrian  
remarks - general: was 32.112-2  
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 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

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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) / S5 / - rapporteur: Hå BINETTE, Ulf Telefon AB LM Ericsson

freeze\_meeting: SP-13

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	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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## TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM

Rel-4 WG (prime) / S5 / - rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

freeze\_meeting: SP-12

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	

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.600 Telecommunication management; Configuration Management (CM); Concept and high-level requirements

Rel-4  
WG (prime): S5 / -  
G: yes U: yes  
freeze\_meeting: SP-12  
current version: 4.0.0  
MCC: TOVINGER, Thomas  
ZOICAS, Adrian  
Telefon AB LM Ericsson  
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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## TS 32.601 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements

Rel-4  
WG (prime): S5 / -  
G: yes U: yes  
freeze\_meeting: SP-12  
current version: 4.0.0  
MCC: PIRT, Trevor  
ZOICAS, Adrian  
MOTOROLA Ltd  
remarks - general: was 32.601-1  
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 32.602 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (IS)

Rel-4  
WG (prime): S5 / -  
G: yes U: yes  
freeze\_meeting: SP-12  
current version: 4.3.0  
MCC: TOVINGER, Thomas  
ZOICAS, Adrian  
Telefon AB LM Ericsson  
remarks - general: was 32.601-2  
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

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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 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)

Rel-4  
current version: 4.3.1  
freeze\_meeting: SP-12  
remarks - general: was 32.601-3

WG (prime / S5 / - rapporteur: TSE, Edwin  
Ericsson Incorporated  
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	<a href="#">get it</a>
SP-13	2001-10-05	4	1	0	<a href="#">get it</a>
SP-15	2002-03-27	4	2	0	<a href="#">get it</a>
SP-16	2002-06-20	4	3	0	<a href="#">get it</a>
post SP-16	2002-07-04	4	3	1	<a href="#">get it</a>

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## TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP)

Rel-4  
current version: 4.2.0  
freeze\_meeting: SP-12  
remarks - general: was 32.601-4

WG (prime / S5 / - rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG  
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	<a href="#">get it</a>
SP-13	2001-10-05	4	1	0	<a href="#">get it</a>
SP-14	2002-01-11	4	2	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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 32.611** **Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**  
Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-12  
remarks - general: was 32.602-1  
WG (prime / S5 / rapporteur: PAL, Tapinder  
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

**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  
remarks - general: was 32.602-2  
WG (prime / S5 / rapporteur: PIRT, Trevor  
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-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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-12  
remarks - general: was 32.602-3

WG (prime) / S5 /  
G: yes U: yes  
rapporporteur: PIRT, Trevor  
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	<a href="#">get it</a>
SP-14	2002-01-11	4	1	0	<a href="#">get it</a>
SP-16	2002-06-21	4	2	0	<a href="#">get it</a>
SP-17	2002-09-27	4	3	0	<a href="#">get it</a>
SP-18	2003-01-07	4	4	0	<a href="#">get it</a>

## TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-12  
remarks - general: was 32.602-4

WG (prime) / S5 /  
G: yes U: yes  
rapporporteur: POLLAKOWSKI, Olaf  
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	<a href="#">get it</a>
SP-13	2001-10-05	4	1	0	<a href="#">get it</a>
SP-16	2002-06-21	4	2	0	<a href="#">get it</a>
SP-18	2003-01-07	4	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 WG (prime) / S5 / rapporteur: TOCHE, Christian

freeze\_meeting: SP-12

remarks - general: was 32.602-5

G: yes U: yes

remarks - this release:

MCC: ZOICAS, Adrian

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	0	0	<a href="#">get it</a>
SP-12	2001-07-03	4	0	0	<a href="#">get it</a>
SP-14	2002-01-11	4	1	0	<a href="#">get it</a>
SP-15	2002-03-27	4	2	0	<a href="#">get it</a>
SP-20	2003-06-27	4	3	0	<a href="#">get it</a>
SP-20	2003-10-17	4	3	1	<a href="#">get it</a>

Adds XML file with reference from

document

SP-22	2004-01-13	4	4	0	<a href="#">get it</a>
SP-24	2004-06-17	4	5	0	<a href="#">get it</a>

## TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements

Rel-4 WG (prime) / S5 / - rapporteur: PIRT, Trevor

freeze\_meeting: SP-12

remarks - general: was 32.620-1

G: yes U: yes

remarks - this release:

MCC: ZOICAS, Adrian

MOTOROLA Ltd

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	0	0	<a href="#">get it</a>
SP-12	2001-07-03	4	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.622 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

remarks - general: was 32.620-2

WG (prime) / S5 / - rapporteur: TOVINGER, Thomas

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	2002-03-27	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

Rel-4 current version: Architecture (CORBA) Solution Set (SS) 4.3.0

freeze\_meeting: SP-12

remarks - general: was 32.620-3

WG (prime) / S5 / - rapporteur: PIRT, Trevor

MCC: ZOICAS, Adrian

remarks - this release:

MOTOROLA Ltd

### 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

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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

Rel-4 current version: Protocol (CMIP) Solution Set (SS) 4.6.0 WG (prime) / S5 / -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

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	<a href="#">get it</a>
SP-13	2001-10-05	4	1	0	<a href="#">get it</a>
SP-14	2002-01-11	4	2	0	<a href="#">get it</a>
SP-15	2002-03-27	4	3	0	<a href="#">get it</a>
SP-16	2002-06-28	4	4	0	<a href="#">get it</a>
SP-21	2003-10-02	4	5	0	<a href="#">get it</a>
SP-24	2004-06-15	4	6	0	<a href="#">get it</a>

## TS 32.631 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements

Rel-4 current version: 4.0.0 WG (prime) / S5 / - rapporteur: P'IRT, Trevor MCC: ZOICAS, Adrian 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	<a href="#">get it</a>
SP-12	2001-07-03	4	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4  
WG (prime) / S5 / -  
G: yes U: yes  
WG (prime) / S5 / -  
rapporporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND  
remarks - general: was 32.621-2  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	0	0	<a href="#">get it</a>
SP-12	2001-07-03	4	0	0	<a href="#">get it</a>
SP-14	2002-01-11	4	1	0	<a href="#">get it</a>
SP-16	2002-06-28	4	2	0	<a href="#">get it</a>
SP-19	2003-04-01	4	3	0	<a href="#">get it</a>
SP-21	2003-10-15	4	4	0	<a href="#">get it</a>

## TS 32.633 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker

Rel-4  
WG (prime) / S5 /  
G: yes U: yes  
WG (prime) / S5 /  
rapporporteur: PAL, Tapinder  
T-MOBILE  
DEUTSCHLAND

### freeze\_meeting: SP-12

remarks - general: was 32.621-3

### history (event, available, version, comments, hyperlink):

SP-12	2001-06-21	2	0	0	<a href="#">get it</a>
SP-12	2001-07-03	4	0	0	<a href="#">get it</a>
SP-16	2002-06-28	4	1	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 32.634** 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 / WG (prime) / S5 -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

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 rapporteur: PIRT, Trevor  
MOTOROLA Ltd

freeze\_meeting: SP-12  
remarks - general: was 32.622-1

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4  
current version: 4.4.0  
freeze\_meeting: SP-12  
remarks - general: was 32.622-2

WG (prime / S5 / - rapporteur: PETERSEN, Robert  
Ericsson AB  
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-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

Rel-4  
current version: Architecture (CORBA) Solution Set (SS) 4.3.0  
freeze\_meeting: SP-12  
remarks - general: was 32.622-3

MOTOROLA Ltd

PIRT, Trevor

-rapporteur:

/

WG (prime / S5 /

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



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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 32.644** Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information  
Rel-4 current version: Protocol (CMIP) Solution Set (SS) 4.3.0 / WG (prime) / 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	

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**TS 32.651** Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements  
Rel-4 current version: 4.0.0 / WG (prime) / S5 / - rapporteur: PIRT, Trevor  
remarks - general: freeze\_meeting: SP-12 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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.652 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  
remarks - general: was 32.623-2

WG (prime) / S5 / -  
G: yes U:  
rapporporteur: PETERSEN, Robert  
Ericsson AB  
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

Rel-4  
current version: Architecture (CORBA) Solution Set (SS) 4.2.0  
WG (prime) / S5 /  
G: yes U:  
rapporporteur: PIRT, Trevor  
MOTOROLA Ltd  
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

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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  
Rel-4 current version: Protocol (CMIP) Solution Set (SS) WG (prime / S5 / -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

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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**TR 32.800** Telecommunication management; Management level procedures and interaction with UTRAN

Rel-4 current version: 4.0.0  
freeze\_meeting: SP-12

G: U: yes  
WG (prime / S5 / rapporteur: BODEN, Bert  
ZOICAS, Adrian  
MCC: ZOICAS, Adrian  
Vodafone D2 GmbH  
remarks - this release:

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)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S3 / - rapporteur: BLOMMAERT, Marc  
G: U: yes 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 / S3 / - rapporteur: BLANCHARD, Colin  
G: U: yes 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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G = required in systems with GERAN access; U = required in systems with UMTS

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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-4 33 .- series

## TS 33.105 Cryptographic algorithm requirements

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: U: yes

S3 / -

rporteur: CHIKAZAWA, Takeshi  
MCC: POPE, Maurice

Mitsubishi Electric Corporation

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 /  
G: U: yes

S3 / -

rporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-04 4 . 0 . 0

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## 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 /  
G: U: yes

S3 / -

rporteur: WILHELM, Berthold  
MCC: POPE, Maurice

BUNDESMINISTERIUM FUR WIRTSCHAFT

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 33.120 Security Objectives and Principles

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / S3 / - rapporteur: WRIGHT, Tim  
G: U: yes  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One  
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 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-12

WG (prime / S3 / - rapporteur: ESCOTT, Adrian  
G: U: yes  
MCC: POPE, Maurice  
Hutchison 3G UK Ltd (3)  
remarks - this release:

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 2 . 0 . 0 SP-010322, ed notes in SP-010347  
SP-12 2001-07-04 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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## TR 33.901 Criteria for cryptographic Algorithm design process

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / S3 / - rapporteur: BLOM, Rolf  
G: U: yes  
MCC: POPE, Maurice  
Telefon AB LM Ericsson  
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 acces; U = required in systems with UMTS

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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 /  
G: U: yes

S3 / - rapporteur: 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 /  
G: U: yes

S3 / - rapporteur: VACANT,  
MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TR 33.908 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general: TSG#7: S3-000105=NP-000049

WG (prime /  
G: U: yes

S3 / - rapporteur: 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

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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 33.909 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

Rel-4 *current version:* 4.0.1 *WG (prime):* S3 / - *rapporporteur:* WALKER, Michael VODAFONE Group Plc

*freeze\_meeting:* SP-11 *MCC:* POPE, Maurice

*remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at *remarks - this* SP-15: Not to be promoted to Rel-5.  
TSG#10. *release:*

*G:* U: yes

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-04 4 . 0 . 0 [get it](#)

correct misprint in 2001-07-23 4 . 0 . 1 [get it](#)

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



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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

current version: 4.11.0

freeze\_meeting: SP-13

WG (prime / U: yes  
G: U: yes

T1 / - rapporteur: CHALABI, Nuhman ANRITSU LTD  
MCC: SULTAN, Alain

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

current version: 4.6.0

freeze\_meeting: SP-11

WG (prime / U: yes  
G: U: yes

R2 / T1 rapporteur: BERGGREN, Anders Ericsson Incorporated  
MCC: ARZELIER, Claude

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

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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 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4  
WG (prime) / U: yes  
G: U: yes

ADVANTEST Corporation

HIGUCHI, Kenji  
SULTAN, Alain

rappporteur:  
MCC:

T1 / -

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

[get it](#)  
[get it](#)

## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

Rel-4  
WG (prime) / U: yes  
G: U: yes

ROHDE & SCHWARZ GmbH & Co.KG

MAUCKSCH, Thomas  
SULTAN, Alain

rappporteur:  
MCC:

T1 / -

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-13

remarks - general:

WG (prime/ T1 / -

G: U: yes

rapporteur: SULTAN, Alain  
MCC: SULTAN, Alain

SOURCE COM

remarks - this release:

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-4  
current version: 4.3.0  
freeze\_meeting: SP-13

remarks - general:

WG (prime/ T1 / -

G: U: yes

rapporteur: HU, Shicheng  
MCC: SULTAN, Alain

ETSI Secretariat

remarks - this release:

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-4  
current version: none  
freeze\_meeting: SP-13

remarks - general:

WG (prime/ T1 / -

G: U: yes

rapporteur: HU, Shicheng  
MCC: SULTAN, Alain

ETSI Secretariat

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 WG (prime) / R4 / - rapporteur: SOERENSEN, Ole NOKIA Corporation  
freeze\_meeting: SP-11 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

[get it](#)  
[get it](#)  
[get it](#)

## TR 34.910 Identification of test requirements for regulatory purposes in different regions/countries

Rel-4 WG (prime) / T1 / - rapporteur: NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: SP-13 G: U: yes MCC: SULTAN, Alain

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-05	1999-10-13	0	.	0	.	1
TP-10	2001-01-09	1	.	0	.	0

[get it](#)  
[get it](#)

## TR 34.926 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment

Rel-4 WG (prime) / R4 / - rapporteur: FENN, John B Research In Motion Limited  
freeze\_meeting: SP-11 G: U: yes 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):

TP-09	2000-10-06	1	.	0	.	0
RP-10	2001-01-09	4	.	0	.	0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 POPE, Maurice  
remarks - general: ex SAGE; supplied by ETSI under licence VODAFONE Group Plc

history (event, available, version, comments, hyperlink):  
SP-11 2001-08-28 4 . 0 . 0 [get it](#)  
SP-14 2002-01-07 4 . 1 . 0 [get it](#)

**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 POPE, Maurice  
remarks - general: ex SAGE; supplied by ETSI under licence VODAFONE Group Plc

history (event, available, version, comments, hyperlink):  
SP-11 2001-08-28 4 . 0 . 0 [get it](#)

**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 POPE, Maurice  
remarks - general: ex SAGE; supplied by ETSI under licence VODAFONE Group Plc

history (event, available, version, comments, hyperlink):  
SP-11 2001-08-28 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

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**TS 35.204** **Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
Rel-4 *WG (prime) / S3 / -* *rapporporteur:* WALKER, Michael VODAFONE Group Plc  
G: U: yes *MCC:* POPE, Maurice

*freeze\_meeting:* SP-11  
*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](#)

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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\*;**  
Rel-4 *WG (prime) / S3 /* *-rapporporteur:* 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. *U:* yes *TSG#11:* changed to Rel-4.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0 [get it](#)

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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\*;**  
Rel-4 *WG (prime) / S3 /* *-rapporporteur:* WALKER, Michael VODAFONE  
Group Plc

*freeze\_meeting:* SP-11 *MCC:* POPE, Maurice  
*remarks - general:* ex SAGE *U:* yes *TSG#11:* changed to Rel-4  
*remarks - this release:*

*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

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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 35.207** **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\*;**  
Rel-4 *current version: Document 3: Implementors' test data* 4.0.0 WG (prime) / S3 / POPE, Maurice  
Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this* TSG#11:changed to Rel-4  
*release:*

*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\*;**  
Rel-4 *current version: Document 4: Design conformance test data* 4.0.0 WG (prime) / S3 / WALKER, Michael VODAFONE  
Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this* TSG#11:changed to Rel-4  
*release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0

[get it](#)

**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\*;**  
Rel-4 *current version: Document 5: Summary and results of design and evaluation* 4.0.0WG (prime) / S3 / WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

G: U: yes MCC: POPE, Maurice  
*remarks - this* TSG#11:Formerly 35.209 Rel-99 (but never made available)  
*release:*

*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

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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)

<b>TR 41.031</b> Rel-4	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b> current version: 4.0.1 freeze_meeting: SP-11	S3 / -	rappporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One
remarks - general:		G: yes U:	remarks - this release:	
history (event, available, version, comments, hyperlink):	SP-11 2001-04-10 4 . 0 . 0 edito 2001-05-02 4 . 0 . 1	<a href="#">get it</a> <a href="#">get it</a>		
<b>TR 41.033</b> Rel-4	<b>Lawful Interception requirements for GSM</b> current version: 4.0.1 freeze_meeting: SP-11	S3 / -	rappporteur: MCKIBBEN, Bernie MCC: POPE, Maurice	MOTOROLA GmbH
remarks - general:		G: yes U:	remarks - this release:	
history (event, available, version, comments, hyperlink):	SP-11 2001-05-02 4 . 0 . 0 edito 2001-05-02 4 . 0 . 1	<a href="#">get it</a>		
<b>TS 41.061</b> Rel-4	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b> current version: 4.0.0 freeze_meeting: SP-11	S3 / -	rappporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc
remarks - general:		G: yes U:	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	<a href="#">get it</a>		

G = required in systems with GERAN access; U = required in systems with UMTS



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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  
WG (prime): 4.12.0  
freeze\_meeting: SP-20

SP / rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20	2003-06-25	4 . 9 . 0	Created from 41.102 v4.9.0	<a href="#">get it</a>
SP-23	2004-04-02	4 . 10 . 0		<a href="#">get it</a>
SP-24	2004-06-24	4 . 11 . 0		<a href="#">get it</a>
SP-25	2004-09-29	4 . 12 . 0		<a href="#">get it</a>

## 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) / S3 / S1 / NP rapporteur: CHRISTOFFERSSON, TellaSonera.AB  
Per

G: yes U:

MCC: POPE, Maurice

remarks - general:

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		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

T3 / S1

rapporteur: HOOKER, Philip  
MCC: RODERMUND, Friedhelm

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](#)

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## 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 /  
G: yes U:

T3 / -

rapporteur: DIETRICH, Christian  
MCC: RODERMUND, Friedhelm

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 /  
G: yes U:

S3 /

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

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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 42.043** **Support of Localised Service Area (SolSA); Service description; Stage 1**  
Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Was 22.043 at Rel99.

S1 / - *rapporteur:* KOKKOLA, Tommi  
*MCC:* CLAYTON, Michael  
*remarks - this release:* NOKIA Corporation

*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  
*freeze\_meeting:* SP-11

*remarks - general:*

S1 / - *rapporteur:* POIRAUD, Patrick  
*MCC:* CLAYTON, Michael  
*remarks - this release:* ALCATEL S.A.

*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  
*freeze\_meeting:* SP-11

*remarks - general:*

S1 / - *rapporteur:* CLAYTON, Michael  
*MCC:* CLAYTON, Michael  
*remarks - this release:* EMCOM Ltd

*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](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime /  
G: yes U:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

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

[get it](#)  
[get it](#)  
[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)

## TR 43.005 Technical performance objectives

Rel-4  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

NP / - rapporteur: BOSWARTHICK, David  
MCC: BOSWARTHICK, David  
ETSI Secretariat

remarks - this  
release:

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

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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 /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.

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

[get it](#)

[get it](#)

[get it](#)

## 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 /  
G: yes U:

G1 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

T3 / - rapporteur: DIETRICH, Christian  
MCC: RODERMUND, Friedhelm  
Axalto S.A.

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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3 December 2004 16:56:15

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 /

G: yes U:

S3 / NP / GP

rappporteur: GILBERT, Henri

France Telecom

MCC: POPE, Maurice

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 /

G: yes U:

G1 / N1

rappporteur: HOWELL, Andrew

MOTOROLA Ltd

USAI, Paolino

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 2001-02-15 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

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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

remarks - general:

WG (prime / G: yes U: ) G1 / NP rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino  
MCC: MOTOROLA A/S  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0  
re-issue as TR 2002-07-31 4 . 0 . 1  
(not TS) as per 03.26

[get it](#)  
[get it](#)

## TR 43.030 Radio network planning aspects

Rel-4  
current version: 4.0.1  
freeze\_meeting: SP-11

remarks - general:

WG (prime / G: yes U: ) G1 / - rapporteur: TEGTH, Ulf  
USAI, Paolino  
MCC: TeliaSonera AB  
remarks - this release:

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 Lawful Interception; Stage 2

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / G: yes U: ) S3 / - rapporteur: MCKIBBEN, Bernie  
POPE, Maurice  
MCC: 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

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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 /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-06 4 . 0 . 0

[get it](#)

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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 /  
G: yes U:

S4 / - 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

[get it](#)

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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 /  
G: yes U:

G1 / - rapporteur: GIRAUD, Alexis  
MCC: USAI, Paolino  
ALCATEL S.A.

remarks - general:

remarks - this  
release:

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



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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: 4.5.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime / G1 / G2 / G2) rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc  
G: yes U: Jose Luis USAI, Paolino  
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

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[get it](#)  
[get it](#)  
[get it](#)

## 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 / S4 / -) rapporteur: MONFORT, Jean-Yves France Telecom  
G: yes U: USAI, Paolino  
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

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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-4 43 .- series

## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

WG (prime) /  
G: yes U:

G1 / - rapporteur: LIVINGSTON, Margaret NOKIA Corporation  
MCC: USAI, Paolino

remarks - general:  
freeze\_meeting: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-02	2001-01-05	1	.	0	.	0	
draft	2001-02-02	1	.	0	.	2	<a href="#">get it</a>
GP-04	2001-05-09	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	4	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	5	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	6	.	0	<a href="#">get it</a>

## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime) /  
G: yes U:

G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation  
MCC: USAI, Paolino

remarks - general:  
freeze\_meeting: SP-11  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-15	4	.	0	.	0	<a href="#">get it</a>
GP-04	2001-04-20	4	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	2	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	3	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	4	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	5	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: G: yes U:)

MCC: 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

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## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: G: yes U:)

MCC: 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
edito	2002-06-27	4	.	2	.	2

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[get it](#)  
[get it](#)

Note 1 to 9 and  
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

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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  
WG (prime / N4 / -  
G: yes U: G: yes U: rapporteur: KYMALAINEN, Kimmo TellaSonera.AB  
freeze\_meeting: SP-16 MCC: 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  
WG (prime / N1 / -  
G: yes U: G: yes U: rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: SP-11 MCC: JURISIC, Andrijana Peter Skov  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0  
NP-16 2002-06-20 4 . 1 . 0 [get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 44.003 Mobile Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-04 2001-05-04 4 . 0 . 0 [get it](#)

---

## TS 44.004 Layer 1 - General Requirements

Rel-4  
current version: 4.2.0  
freeze\_meeting: GP-04

WG (prime / G2 / - rapporteur: ISAACS, Ken  
THOMASEN, Gert

SIEMENS AG

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
GP-06 2001-09-14 4 . 1 . 0 [get it](#)  
GP-07 2002-01-08 4 . 2 . 0 [get it](#)

---

## TS 44.005 Data Link (DL) Layer General Aspects

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

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

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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 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

WG (prime) / G2 / -  
freeze\_meeting: GP-04

rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

remarks - general:  
G: yes U:  
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  
post GP-08 2003-12-05 4 . 1 . 1  
editorial

[get it](#)  
[get it](#)  
[get it](#)

## TS 44.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

WG (prime) / G2 / N2  
freeze\_meeting: GP-04

rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

remarks - general: Rel-4 onwards. (Rel-99 was 24.012)  
G: yes U:  
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

[get it](#)  
[get it](#)

## TS 44.013 Performance Requirements on Mobile Radio Interface

WG (prime) / N1 / -  
freeze\_meeting: SP-11

rapporporteur: DAWES, Peter  
JURISIC, Andrijana

VODAFONE LTD

remarks - general:  
G: yes U:  
remarks - this release:

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4  
current version: 4.4.0  
freeze\_meeting: GP-04

MOTOROLA Ltd

rapporteur: HOWELL, Andrew  
THOMASEN, Gert

G2 / -

WG (prime) /  
G: yes U:

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-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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime) / G2 / -  
G: yes U:

rapporporteur: HOWELL, Andrew MOTOROLA Ltd

MCC: THOMASEN, Gert

remarks - this #32:9.0.0 MCC-converted Aug00:  
release:

### history (event, available, version, comments, hyperlink):

04.18 to 3G	2000-08-10	4	.	0	.	0	<a href="#">get it</a>
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 GP-09	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	2003-12-05	4	.	15	.	1	<a href="#">get it</a>
	editorial						
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>

G = required in systems with GERAN access; U = required in systems with UMTS



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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 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Rel-4  
WG (prime) /  
G: yes U:

N3 / - rapporteur: RfSfNEN, Juha  
MCC: HAN, Seung Don  
NOKIA Corporation

remarks - general:  
freeze\_meeting: SP-11  
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

[get it](#)  
[get it](#)

## TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)

Rel-4  
WG (prime) /  
G: yes U:

Nortel Networks (USA)

G2 / - rapporteur: GARAPATY, Sonia  
MCC: THOMASEN, Gert

remarks - general:  
freeze\_meeting: GP-04  
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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4  
WG (prime) / G2 / -  
G: yes U: GARAPATY, Sonia  
freeze\_meeting: GP-04 THOMASEN, Gert

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

[get it](#)  
[get it](#)

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## TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

Rel-4  
WG (prime) / N1 / -  
G: yes U: HUPPERICH, Peter  
freeze\_meeting: SP-11 JURISIC, Andrijana

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11 2001-04-11 4 . 0 . 0

[get it](#)

---

## TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

Rel-4  
WG (prime) / N1 / -  
G: yes U: HUPPERICH, Peter  
freeze\_meeting: SP-11 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

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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/ Medium Access Control (RLC/MAC) protocol

Rel-4 current version: 4.19.0

freeze\_meeting: GP-04

remarks - general: General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

G2 /

rapporporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

Rel-4 current version: 4.3.0 freeze\_meeting: SP-11 N1 / - DOIG, Ian MOTOROLA S.A.S

remarks - general: *rapporteur:* JURISIC, Andrijana *MCC:*

*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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[get it](#)  
[get it](#)  
[get it](#)

## TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

Rel-4 current version: 4.3.0 freeze\_meeting: SP-11 N1 / - DOIG, Ian MOTOROLA S.A.S

remarks - general: *rapporteur:* JURISIC, Andrijana *MCC:*

*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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[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TS 44.068 Group Call Control (GCC) Protocol

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: JURISIC, Andrijana

Nortel Networks (USA)

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

conversion to 2000-09-06 4 . 0 . 0

3GPP 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

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[get it](#)

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[get it](#)

## TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime / 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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
Rel-4 WG (prime /

current version: 4.3.0

freeze\_meeting: GP-04

G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MCC:

MOTOROLA A/S

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

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

G1 / -

rapporteur: JOKINEN, Harri

USAI, Paolino

MCC:

NOKIA MOBILE PHONES

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

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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 /  
G: yes U:

G1 / - rapporteur: S. BIRE, Benoist  
USAI, Paolino

MCC:  
remarks - this  
release:

NOKIA Corporation

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: 4.3.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

G1 / - rapporteur: S. BIRE, Benoist  
USAI, Paolino

MCC:  
remarks - this  
release:

NOKIA Corporation

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

NOKIA Corporation

rporteur: S..BIRE, Benoit

USAI, Paolino

G1 / -

remarks - this  
release:

WG (prime /

G:yes U:

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

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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 45.005 Radio transmission and reception

Rel-4 current version: 4.15.0

freeze\_meeting: SP-11

remarks - general:

WG (prime /

G:yes U:

G1 / -

rapporteur: SAMUELSSON, Mats

USAI, Paolino

Telefon AB LM Ericsson

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-01	2000-10-10	4	.	0	.	0	.	0		<a href="#">get it</a>
edito	2000-10-24	4	.	0	.	1	.	0		<a href="#">get it</a>
GP-02	2000-11-24	4	.	1	.	0	.	0		<a href="#">get it</a>
edito	2000-11-30	4	.	1	.	1	.	0		<a href="#">get it</a>
GP-03	2001-02-15	4	.	2	.	0	.	0		<a href="#">get it</a>
GP-04	2001-04-20	4	.	3	.	0	.	0		<a href="#">get it</a>
GP-05	2001-06-29	4	.	4	.	0	.	0		<a href="#">get it</a>
GP-06	2001-10-01	4	.	5	.	0	.	0		<a href="#">get it</a>
GP-07	2002-01-04	4	.	6	.	0	.	0		<a href="#">get it</a>
GP-09	2002-05-06	4	.	7	.	0	.	0		<a href="#">get it</a>
GP-10	2002-07-19	4	.	8	.	0	.	0		<a href="#">get it</a>
GP-11	2002-09-19	4	.	9	.	0	.	0		<a href="#">get it</a>
GP-13	2003-02-21	4	.	10	.	0	.	0		<a href="#">get it</a>
GP-14	2003-04-25	4	.	11	.	0	.	0		<a href="#">get it</a>
GP-15	2003-07-11	4	.	12	.	0	.	0		<a href="#">get it</a>
GP-16	2003-09-12	4	.	13	.	0	.	0		<a href="#">get it</a>
GP-19	2004-05-06	4	.	14	.	0	.	0		<a href="#">get it</a>
GP-22	2004-12-02	4	.	15	.	0	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4 current version: 4.16.0

freeze\_meeting: SP-11

remarks - general:

VODAFONE Group Plc

EL-SAIGH, Amer

USAI, Paolino

rapporporteur:

MCC:

G1 / -

remarks - this  
release:

WG (prime /

G:yes U:

history (event, available, version, comments, hyperlink):

GP-01	2000-09-01	4	.	0	.	0	
GP-02	2000-11-24	4	.	1	.	0	<a href="#">get it</a>
	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

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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 /

G1 / -

rappporteur: ANDERSEN, Niels

Peter Skov  
USAI, Paolino

MOTOROLA A/S

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](#)  
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[get it](#)

## TS 45.010

Rel-4

### Radio subsystem synchronization

current version: 4.5.0

freeze\_meeting: SP-11

WG (prime /

G1 / -

rappporteur: JOKINEN, Harri

USAI, Paolino

NOKIA MOBILE PHONES

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

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

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## TS 45.015 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

Rel-4 WG (prime / G1 / - rapporteur: ESCULIER, Carole USAI, Paolino NORTEL NETWORKS (EUROPE)

freeze\_meeting: GP-22

G: yes U:

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 [get it](#)

created from R99 version.

GP-22 2004-12-02 4 . 0 . 0 [get it](#)

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## TR 45.022 Radio link management in hierarchical networks

Rel-4 WG (prime / G1 / - rapporteur: VAN BUSSEL, Han T-Mobile International AG

current version: 4.0.0

freeze\_meeting: SP-11

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

Rel-4 WG (prime / G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

current version: 4.0.1

freeze\_meeting: SP-11

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

make figures 2001-08-01 4 . 0 . 1

legible

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

G1 / -

rapporporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-11 4 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

S4 / -

rapporporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

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 Processing Functions

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporporteur: 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

---

## 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 /  
G: yes U:

S4 / - 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 46.007 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / - 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](#)

---

## TR 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 /  
G: yes U:

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
T-MOBILE DEUTSCHLAND

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

# 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)

## TS 46.010 Full-rate speech transcoding

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino  
PHILIPS Semiconductors

remarks - this  
release:

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 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 /  
G: yes U:

S4 / - rapporteur: NAVARRO, William  
MCC: USAI, Paolino  
NORTEL NETWORKS (EUROPE)

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

## TS 46.012 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: SERENO, Daniele  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this  
release:

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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

---

## TS 46.020 Half Rate Speech Transcoding

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rappporteur: 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 46.021 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 /  
G: yes U:

S4 / -

rappporteur: 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 Comfort Noise Aspects for Half Rate Speech Traffic Channels

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rappporteur: 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 46.031** Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels  
Rel-4 current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: TELECOM ITALIA S.p.A.

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## **TS 46.032** Voice Activity Detection (VAD)

Rel-4 current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Indicate persons who left Company and wait for new One

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## **TS 46.041** Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

Rel-4 current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: TELECOM ITALIA S.p.A.

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
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

# 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)

---

## TS 46.042 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

Rel-4 WG (prime / S4 / - rapporteur: BARRETT, Paul  
freeze\_meeting: SP-11 G: yes U: USAI, Paolino  
MCC: Indicate persons who left Company and wait for new  
release: One

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.051 GSM Enhanced full rate speech processing functions: General description

Rel-4 WG (prime / S4 / - rapporteur: Jf RVINEN, Kari  
freeze\_meeting: SP-11 G: yes U: USAI, Paolino  
MCC: NOKIA Corporation  
release: remarks - this

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.053 ANSI-C code for the GSM Enhanced full rate speech codec

Rel-4 WG (prime / S4 / - rapporteur: Jf RVINEN, Kari  
freeze\_meeting: SP-11 G: yes U: USAI, Paolino  
MCC: NOKIA Corporation  
release: remarks - this

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

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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 46.054 Test sequences for the GSM Enhanced Full Rate (EFR)

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TR 46.055 Performance characterisation of the GSM EFR Speech Codec

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
T-MOBILE DEUTSCHLAND

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.060 Enhanced full rate speech transcoding

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

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

# 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)

---

## TS 46.061 Substitution and muting of lost frames for encanced full rate speech traffic channels

Rel-4 WG (prime / S4 / - rapporteur: Jf RVINEN, Kari

USAI, Paolino NOKIA Corporation

freeze\_meeting: SP-11 G: yes U:

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

Rel-4 WG (prime / S4 / - rapporteur: Jf RVINEN, Kari

NOKIA Corporation

freeze\_meeting: SP-11 G: yes U:

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

---

## TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report

Rel-4 WG (prime / S4 / - rapporteur: USAI, Paolino

TELECOM ITALIA S.p.A.

freeze\_meeting: SP-11 G: yes U:

MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-10 4 . 0 . 0

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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

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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 46.081 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Rel-4 WG (prime / G: yes U:  
freeze\_meeting: SP-11

S4 / - rapporteur: Jf RVINEN, 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](#)

---

## TS 46.082 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Rel-4 WG (prime / G: yes U:  
freeze\_meeting: SP-11

S4 / - rapporteur: Jf RVINEN, 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](#)

---

## TR 46.085 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

Rel-4 WG (prime / G: yes U:  
freeze\_meeting: SP-11

S4 / - 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

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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 48.001 General Aspects on the BSS-MSC Interface

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this  
release:

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

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

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-07 2002-01-08 4 . 2 . 0 Rel-5 CR undone. Effectively reverts to  
4.0.0

[get it](#)  
[get it](#)  
[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

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this  
release:

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

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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**  
Rel-4

**Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**

current version: 4.0.0  
freeze\_meeting: GP-04

MOTOROLA A/S

rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

**TS 48.008**  
Rel-4

**Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**

current version: 4.10.0  
freeze\_meeting: GP-04

MOTOROLA A/S

rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

08.08 to 3G 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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[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 MOTOROLA A/S  
freeze\_meeting: GP-04  
rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

remarks - general:

G: yes U:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
GP-04 2001-05-04 4 . 0 . 0 [get it](#)

---

**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 MOTOROLA A/S  
freeze\_meeting: GP-04  
rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

remarks - general:

G: yes U:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
GP-02 2000-11-17 4 . 0 . 0 [get it](#)  
GP-04 2001-05-04 4 . 1 . 0 [get it](#)  
edito 2001-06-07 4 . 1 . 1 [get it](#)  
GP-06 2001-09-14 4 . 2 . 0 [get it](#)  
GP-15 2003-07-10 4 . 3 . 0 [get it](#)  
GP-20 2004-07-23 4 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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) /

freeze\_meeting: GP-04

G2 / -

G: yes U:

MOTOROLA Ltd

rapporporteur: BLACK, Jyoti

MCC: THOMASEN, Gert

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-02	2000-11-17	4	.	0	.	0	.	0
GP-03	2001-01-31	4	.	1	.	0	.	0
GP-04	2001-05-04	4	.	2	.	0	.	0
GP-05	2001-06-18	4	.	3	.	0	.	0
edito	2001-06-29	4	.	3	.	1	.	0
GP-06	2001-09-10	4	.	4	.	0	.	0
GP-09	2002-05-06	4	.	5	.	0	.	0
GP-18	2004-02-23	4	.	6	.	0	.	0
GP-19	2004-05-06	4	.	7	.	0	.	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) /

freeze\_meeting: SP-11

N3 / -

G: yes U:

NOKIA Corporation

rapporporteur: RfSfNEN, Juha

MCC: HAN, Seung Don

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-06	4	.	0	.	0	.	0
NP-17	2002-09-19	4	.	1	.	0	.	0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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** Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification  
Rel-4 WG (prime) / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

freeze\_meeting: GP-04

G: yes U:

MCC:

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

[get it](#)  
[get it](#)

**TS 48.051** Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects

Rel-4 WG (prime) / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

current version: 4.1.0

freeze\_meeting: GP-04

G: yes U:

MCC:

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

[get it](#)  
[get it](#)

**TS 48.052** Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles

Rel-4 WG (prime) / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

current version: 4.0.1

freeze\_meeting: GP-04

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
edito 2001-05-15 4 . 0 . 1

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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3 December 2004 16:56:18

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 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

WG (prime /

G2 / -

rapporporteur:

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

freeze\_meeting: GP-04

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

---

## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-4  
current version: 4.0.0  
freeze\_meeting: GP-04

WG (prime /

G2 / -

rapporporteur:

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

freeze\_meeting: GP-04

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

---

## TS 48.058 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification

Rel-4  
current version: 4.1.0  
freeze\_meeting: GP-04

WG (prime /

G2 / -

rapporporteur:

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

freeze\_meeting: GP-04

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels

Rel-4  
current version: 4.1.0  
freeze\_meeting: GP-04

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

rappporteur:

WG (prime /

G1 / -

MOTOROLA A/S

MCC:

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

rappporteur:

WG (prime /

G1 / -

MOTOROLA A/S

MCC:

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

rappporteur:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-04 2001-05-04 4 . 0 . 0  
edito 2001-05-28 4 . 0 . 1  
GP-08 2002-02-19 4 . 1 . 0

[get it](#)  
[get it](#)  
[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  
freeze\_meeting: GP-04

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

rappporteur:

WG (prime /

G1 / NP

MOTOROLA A/S

MCC:

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

rappporteur:

WG (prime /

G1 / NP

MOTOROLA A/S

MCC:

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

rappporteur:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

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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[get it](#)  
[get it](#)

Cover sheet still shows version 4.0.0  
and wrong date.

editorial pody GP- 2002-03-20 4 . 1 . 1  
08

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification

Rel-4  
WG (prime / G2 / -)  
current version: 4.4.0  
freeze\_meeting: GP-04  
rapporporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA AIS  
MCC:

G: yes U:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	4	0	0	<a href="#">get it</a>
GP-06	2001-09-14	4	1	0	<a href="#">get it</a>
GP-07	2002-01-08	4	2	0	<a href="#">get it</a>
GP-08	2002-02-19	4	3	0	<a href="#">get it</a>
GP-15	2003-07-10	4	4	0	<a href="#">get it</a>

## 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: 4.0.1  
freeze\_meeting: SP-11  
rapporporteur: KYMALAINEN, Kimmo  
TeliaSonera AB  
MCC:

WG (prime / N4 / -)  
G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-04	4	0	0	<a href="#">get it</a>
correct references	2002-06-25	4	0	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime / N1 / - rapporteur: FARHOUAMAND, Ericsson Incorporated

Rouzbeh JURISIC, Andrijana

G: yes U:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	0	0
draft	2002-06-17	4	0	1
NP-19	2003-03-24	4	1	0

[get it](#)  
[get it](#)  
[get it](#)

## TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-4  
current version: 4.4.0  
freeze\_meeting: GP-04

WG (prime / G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov THOMASEN, Gert

G: yes U:

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	4	0	0
edito	2001-10-03	4	0	1
GP-06	2001-09-14	4	1	0
edito	2001-10-03	4	1	1
GP-07	2002-01-08	4	2	0
GP-10	2002-07-19	4	3	0
GP-19	2004-05-06	4	4	0

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[get it](#)  
[get it](#)  
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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

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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)

## 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) / G1 / -

rappporteur: MUELLER, Frank  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

G: yes U:

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

[get it](#)  
[get it](#)

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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 acces; U = required in systems with UMTS

# 3GPP specification status

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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

WG (prime) /

G3new/ S1 / rapporteur: HU, Shicheng ETSI Secretariat

NP /  
T2 /  
SCP

G: yes U:

MCC: CLAYTON, Michael

remarks - general: 2001-11-19: G4->G5.

remarks - this  
release: #32:9.0.0 MCC-converted Aug00:4.0.1

### history (event, available, version, comments, hyperlink):

conversion from	2000-08-01	4	.	0	.	1
11.10-1 v9.0.1						
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



# 3GPP specification status

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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 / G3new/ S1 / rapporteur: HU, Shicheng  
NP / T2 / ETSI Secretariat  
SCP

G: yes U: CLAYTON, Michael  
MCC: remarks - this release:

remarks - general: 2001-11-19: G4->G5.

history (event, available, version, comments, hyperlink):

GP-02		1	.	0	.	0	.	0
GP-04	2001-04-11	4	.	0	.	0	.	0
GP-05	2001-06-05	4	.	1	.	0	.	0
GP-06	2001-08-31	4	.	2	.	0	.	0
GP-07	2002-01-09	4	.	3	.	0	.	0
GP-07 minor editorial	2002-01-18	4	.	3	.	1	.	1
GP-08	2002-02-26	4	.	4	.	0	.	0
GP-09	2002-04-29	4	.	5	.	0	.	0
GP-10	2002-07-03	4	.	6	.	0	.	0
GP-11	2002-09-19	4	.	7	.	0	.	0

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4  
current version: 4.8.0  
freeze\_meeting: SP-11

WG (prime) / G3new/ S1 / NP / T2 / SCP

rappporteur: HU, Shicheng

ETSI Secretariat

G: yes U: CLAYTON, Michael

MCC:

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	<a href="#">get it</a>
GP-02	2000-11-30	4	1	0	<a href="#">get it</a>
GP-05	2001-06-28	4	2	0	<a href="#">get it</a>
GP-06	2001-09-14	4	3	0	<a href="#">get it</a>
GP-07	2002-01-21	4	4	0	<a href="#">get it</a>
GP-08	2002-02-19	4	5	0	<a href="#">get it</a>
GP-09	2002-04-29	4	6	0	<a href="#">get it</a>
GP-10	2002-07-19	4	7	0	<a href="#">get it</a>
GP-14	2003-04-29	4	8	0	<a href="#">get it</a>

## 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

DRAFT

T3 / G3new

rappporteur: HU, Shicheng

ETSI Secretariat

G: yes U:

RODERMUND, Friedhelm

MCC:

remarks - general: 2001-11-19: G4->G5, TP-14: may be txferred 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.

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	<a href="#">get it</a>
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TP-17: 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.

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

## TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-4 WG (prime) / T3 / -  
freeze\_meeting: SP-11 G:yes U:

rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
RODERMUND, Friedhelm

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>

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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

*WG (prime / T3 / - rapporteur:* BEGASSAT, Axalto S.A.  
*freeze\_meeting:* TP-19 *MCC:* RODERMUND, Friedhelm  
*remarks - general:* TP-15: New W1 approved in TP-020029.  
*remarks - this release:*

#### history (event, available, version, comments, hyperlink):

TP-16	2002-06-26	1	0	0	TP-020128	<a href="#">get it</a>
TP-17	2002-09-23	2	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	<a href="#">get it</a>
replace Annex E with correct file	2003-04-16	4	0	1		<a href="#">get it</a>
TP-22	2004-01-12	4	1	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

*WG (prime / T3 / - rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* SP-11 *MCC:* RODERMUND, Friedhelm  
*remarks - general:* 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).  
*remarks - this release:*

#### history (event, available, version, comments, hyperlink):

TP-18	2003-01-02	4	0	0		<a href="#">get it</a>
TP-19	2003-04-04	4	1	0		<a href="#">get it</a>
TP-21	2003-09-29	4	2	0		<a href="#">get it</a>
TP-22	2004-01-12	4	3	0		<a href="#">get it</a>
TP-25	2004-09-23	4	4	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

Telefon AB LM Ericsson

rapporteur: BUSIN, Ake  
USAI, Paolino

G1 / -

MCC:

remarks - general:  
remarks - this release:

### 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

current version: 4.0.0  
freeze\_meeting: SP-13

WG (prime /

MOTOROLA A/S

G1 / -

rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

G: yes U:

MCC:

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

post-GP-07 2002-01-23 4 . 0 . 0

[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

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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

WG (prime /

current version: 4.0.0

freeze\_meeting: GP-09

G1 / S5

rapporporteur:

MOTOROLA A/S

ANDERSEN, Niels

Peter Skov

USAI, Paolino

MCC:

remarks - this  
release:

G: yes U:

remarks - general:

history (event, available, version, comments, hyperlink):

GP-09 2002-05-06 4 . 0 . 0

[get it](#)

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## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

WG (prime /

current version: 4.1.0

freeze\_meeting: SP-13

S5 / -

rapporporteur:

NORTEL NETWORKS (EUROPE)

TOCHE, Christian

ZOICAS, Adrian

MCC:

remarks - this  
release:

G: yes U:

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](#)

[get it](#)

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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)

G = required in systems with GERAN access; U = required in systems with UMTS

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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) /

freeze\_meeting: SP-06

G: yes U:

SP / - rapporteur: MEREDITH, John M ETSI Secretariat

MCC: POPE, Maurice

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):

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 cmts included	1999-09-15	0	1	0	<a href="#">get it</a>
Becomes T2/smg4	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	
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>

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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

current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

GP / -

rappporteur:  
MCC:

CLAYTON, Michael  
USAI, Paolino  
EMCOM Ltd

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

current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S3 / -

rappporteur:  
MCC:

WRIGHT, Tim  
POPE, Maurice  
Indicate persons who left Company and wait for new  
One

remarks - this  
release:

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

current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S3 / -

rappporteur:  
MCC:

MCKIBBEN, Bernie  
POPE, Maurice  
MOTOROLA GmbH

remarks - this  
release:

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



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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)

## TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

WG (prime /

G: yes U:

S3 / -

rappporteur: WALKER, Michael

MCC: POPE, Maurice

VODAFONE Group Plc

freeze\_meeting: SP-06

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 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)

## TS 02.09 Security aspects

current version: 8.0.1

freeze\_meeting: SP-06

remarks - general:

WG (prime /

G: yes U:

S3 / S1 /

NP

rappporteur: CHRISTOFFERSSON,

Per TeliaSonera AB

MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 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

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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 02.17 Subscriber Identity Module (SIM); Functional characteristics

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

T3 / S1

rapporteur: HOOKER, Philip  
MCC: RODERMUND, Friedhelm  
ORANGE PCS LTD

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0

[get it](#)

---

## TS 02.19 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

R99  
current version: 8.0.0  
freeze\_meeting: SP-12  
remarks - general: SMG9->T3@#31

WG (prime /  
G: yes U:

T3 / -

rapporteur: DIETRICH, Christian  
MCC: RODERMUND, Friedhelm  
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 Lawful Interception (LI); Stage 1

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S3 /

rapporteur: 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

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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 02.43** **Support of Localised Service Area (SolSA); Service description; Stage 1**  
R99 *WG (prime /* G:yes U:  
*freeze\_meeting:* SP-06  
*remarks - general:*  
S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*MCC:* CLAYTON, Michael  
*remarks - this* TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version  
*release:* tool

*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 *WG (prime /* G:yes U:  
*freeze\_meeting:* SP-06  
*remarks - general:* SMG9->T3@#31  
T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*MCC:* RODERMUND, Friedhelm  
*remarks - this* .  
*release:*

*history (event, available, version, comments, hyperlink):*  
Upgrade to R99 2000-05-17 8 . 0 . 0 [get it](#)

---

**TS 02.53** **Tandem Free Operation (TFO); Service description; Stage 1**  
R99 *WG (prime /* G:yes U:  
*freeze\_meeting:* SP-06  
*remarks - general:* SMG11->S4 at SMG#30  
S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*MCC:* USAI, Paolino  
*remarks - this* Nov-00: Created to fill the gap.  
*release:*

*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

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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

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

S1 / - rapporteur: POIRAUD, Patrick  
MCC: ALCATEL S.A.

CLAYTON, Michael

remarks - this  
release:

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

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U: EMCOM Ltd

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

remarks - this  
release:

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

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U: EMCOM Ltd

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

remarks - this  
release: . TSG#10:8.1.0

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

# 3GPP specification status

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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 02.76 Noise Suppression for the AMR

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G:yes U:

S4 / -

rporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

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 [get it](#)

(not for 3GPP

server)

## 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 /  
G:yes U:

S1 / -

rporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 8 . 0 . 0

[get it](#)

R99

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

# 3GPP specification status

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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 03.05 Technical performance objectives

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

NP / -

rapporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David

remarks - this  
release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

N3 / -

rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
MCC: HAN, Seung Don

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
MCC: USAI, Paolino

remarks - this  
release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-29 8 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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) / T3 / -

G: yes U:

rapporteur: DIETRICH, Christian Axalto S.A.  
RODERMUND, Friedhelm

MCC:

remarks - this  
release:

remarks - general: SMG9->T3@#31

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 03.20 Security-related network functions

WG (prime) / S3 / NP / rapporteur: NGUYEN NGOC, France Telecom

current version: 8.1.0

freeze\_meeting: SP-06

G: yes U:

MCC:

France Telecom

remarks - general:

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

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

WG (prime) /

current version: 8.7.0

freeze\_meeting: SP-06

G1 / N1 rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

USAI, Paolino

MCC:

G: yes U:

2001-07: title

remarks - this release:

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

WG (prime) /

current version: 8.0.0

freeze\_meeting: SP-06

G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

USAI, Paolino

MCC:

G: yes U:

2001-07: title

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



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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

current version: 8.3.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / U):  
G: yes U:  
GP / - rapporteur: TEGTH, Ulf  
USAI, Paolino  
MCC: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31: 8.3.0  
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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.33 Lawful Interception; Stage 2

current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / U):  
G: yes U:  
S3 / - rapporteur: MCKIBBEN, Bernie  
POPE, Maurice  
MCC: TSG#10:8.1.0  
remarks - this release:

MOTOROLA GmbH

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-06-30 8 . 0 . 0  
SP-10 2000-12-21 8 . 1 . 0

[get it](#)  
[get it](#)

## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / U):  
G: yes U:  
N3 / - rapporteur: HAN, Seung Don  
HAN, Seung Don  
MCC:  
remarks - this release:

KT Freetel Co., Ltd.

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0  
ETSI publication 2001-10-30 8 . 0 . 1

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime /  
freeze\_meeting: SP-06 G: yes U:

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don

KT Freetel Co., Ltd.

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-06 1999-12-17 8 . 0 . 0 (source Klehn) [get it](#)  
ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use.

## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 current version: 8.8.0  
freeze\_meeting: SP-06

WG (prime /  
G: yes U:

T3 / - rapporteur: BARNES, Nigel  
MCC: RODERMUND, Friedhelm

MOTOROLA Ltd

remarks - general: SMG9->T3@#31

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

[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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) / S4 / - rapporteur: USAI, Paolino  
freeze\_meeting: SP-06 G: yes U: USAI, Paolino  
TELECOM ITALIA S.p.A.  
remarks - general: #32.8.1.0  
remarks - this release:

### 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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R99 WG (prime) / G1 / - rapporteur: GIRAUD, Alexis  
freeze\_meeting: SP-06 G: yes U: USAI, Paolino  
ALCATEL S.A.  
remarks - general: 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

[get it](#)  
[get it](#)

## TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R99 WG (prime) / S4 / NP / rapporteur: FAUCONNIER, Denis  
freeze\_meeting: SP-06 G: yes U: USAI, Paolino  
NORTEL NETWORKS (EUROPE)  
remarks - general: Mar00: prime responsibility txfrd to SMG11  
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

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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 03.55 Dual Transfer Mode (DTM); Stage 2

R99  
current version: 8.3.0  
freeze\_meeting: SP-06

remarks - general: 2003-10-09: Converted from TR to TS.

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](#)

## TR 03.58

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

### Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

WG (prime / S4 / -

G: yes U:

rappporteur: MONFORT, Jean-Yves France Telecom

MCC: USAI, Paolino

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

# 3GPP specification status

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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

R99  
current version: 8.12.0  
freeze\_meeting: SP-06

WG (prime / G1 / -  
G: yes U:

rapporteur: LEPPISAARI, Aarto  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:  
freeze\_meeting: SP-06

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0 [get it](#)  
smg-30 1999-11-11 8 . 1 . 0 [get it](#)  
smg-30b 1999-12-06 8 . 2 . 0 [get it](#)  
smg-31 2000-02-16 8 . 3 . 0 [get it](#)  
smg-31b 2000-04-17 8 . 4 . 0 [get it](#)  
smg-32 2000-06-20 8 . 5 . 0 [get it](#)  
GP-01 2000-10-09 8 . 6 . 0 [get it](#)  
GP-03 2001-02-15 8 . 7 . 0 [get it](#)  
GP-04 2001-04-20 8 . 8 . 0 [get it](#)  
GP-07 2002-01-04 8 . 9 . 0 [get it](#)  
GP-08 2002-02-19 8 . 10 . 0 [get it](#)  
GP-14 2003-04-25 8 . 11 . 0 [get it](#)  
GP-19 2004-05-06 8 . 12 . 0 [get it](#)

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99  
current version: 8.4.0  
freeze\_meeting: SP-06

WG (prime / N1 / -  
G: yes U:

rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - general:  
freeze\_meeting: SP-06

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
NP-07 2000-03-17 8 . 1 . 0 [get it](#)  
smg-32 2000-06-20 8 . 2 . 0 [get it](#)  
NP-21 2003-10-10 8 . 3 . 0 [get it](#)  
NP-25 2004-09-27 8 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: N1 / -  
rapporteur: M. NNING, Dirk  
MCC: JURISIC, Andrijana  
DETECON GMBH  
TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0  
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	2003-10-13	8	.	3	.	0
NP-25	2004-09-27	8	.	4	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.71 Location Services (LCS); Functional description; Stage 2

R99  
current version: 8.9.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U: S2 / -  
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

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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 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 current version: 8.0.0

freeze\_meeting: SP-16

remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.

WG (prime /

G: yes U:

N4 / -

rapporporteur: KYMALAINEN, Kimmo TeliSonera.AB

MCC: KYMALAINEN, Kimmo

SP-16: 23.073 reverts to GERAN-only.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-06-24 8 . 0 . 0 technically identical to 23.073 v3.0.1

[get it](#)

R99

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.01

R99 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

current version: 8.0.0

freeze\_meeting: SP-06

remarks - general:

WG (prime /

G: yes U:

N1 / -

rapporporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

JURISIC, Andrijana

MCC: #31: 8.0.0

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
freeze\_meeting: SP-06

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

rappporteur:

G2 / -

WG (prime /

G: yes U:

MCC:

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 04.04 Layer 1 - General Requirements

R99  
current version: 8.1.2  
freeze\_meeting: SP-06

SIEMENS AG

ISAACS, Ken  
THOMASEN, Gert

rappporteur:

G2 / -

WG (prime /

G: yes U:

MCC:

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 04.05 Data Link (DL) Layer General Aspects

R99  
current version: 8.0.2  
freeze\_meeting: SP-06

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

rappporteur:

G2 / -

WG (prime /

G: yes U:

MCC:

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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  
WG (prime / G2 / -)  
rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S  
MCC:  
G: yes U:  
remarks - this release:

remarks - general:

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

## TS 04.08 Mobile radio interface layer 3 specification

R99  
current version: 8.0.0  
freeze\_meeting: SP-06  
WG (prime / N1 / G2)  
rapporteur: HOWELL, Andrew  
JURISIC, Andrijana  
MOTOROLA Ltd  
MCC:  
G: yes U:  
remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC:  
Gert Thomassen (even numbered CRs)  
#29: 8.0.0 but this should not have been created (24.008 instead). NP-13: 04.09  
R99 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

## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R99  
current version: 8.0.0  
freeze\_meeting: GP-04  
WG (prime / G2 / T2)  
rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S  
MCC:  
G: yes U:  
remarks - this release:  
Replaces 24.012 R99.

remarks - general:

history (event, available, version, comments, hyperlink):

GP-04 2001-04-24 8 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: yes U:

N1 / -

rapporporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

remarks - this  
release: #31: 8.0.0

VODAFONE LTD

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publication 2000-08-29 8 . 0 . 1

[get it](#)  
[get it](#)

## 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 /

G: yes U:

G2 / -

rapporporteur: HOWELL, Andrew  
MCC: THOMASEN, Gert

remarks - this  
release:

MOTOROLA Ltd

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

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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

WG (prime/

G: yes U:

G2 / -

MOTOROLA Ltd

rapporporteur: HOWELL, Andrew

MCC: THOMASEN, Gert

remarks - general: freeze\_meeting: SP-06  
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	2000-12-21	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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 WG (prime /

freeze\_meeting: SP-06

G: yes U:

N3 / - rapporteur: RfSfNEN, Juha NOKIA Corporation

MCC: HAN, Seung Don

remarks - this #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0  
release:

### 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

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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: 8.16.0  
freeze\_meeting: SP-06  
WG (prime / G2 / - MCC: THOMASEN, Gert  
G: yes U:   
remarks - general:   
remarks - this release: Nortel Networks (USA)

## history (event, available, version, comments, hyperlink):

Upgrade to R99	2000-03-30	8	.	0	.	0	
smg-31b	2000-04-17	8	.	1	.	0	<a href="#">get it</a>
GP-02	2000-11-30	8	.	2	.	0	<a href="#">get it</a>
GP-03	2001-01-31	8	.	3	.	0	<a href="#">get it</a>
GP-04	2001-05-04	8	.	4	.	0	<a href="#">get it</a>
GP-05	2001-06-18	8	.	5	.	0	<a href="#">get it</a>
GP-06	2001-09-14	8	.	6	.	0	<a href="#">get it</a>
GP-07	2002-01-08	8	.	7	.	0	<a href="#">get it</a>
GP-08	2002-02-19	8	.	8	.	0	<a href="#">get it</a>
GP-09	2002-05-02	8	.	9	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	10	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	11	.	0	<a href="#">get it</a>
GP-18	2004-02-23	8	.	12	.	0	<a href="#">get it</a>
GP-19	2004-05-06	8	.	13	.	0	<a href="#">get it</a>
GP-20	2004-07-23	8	.	14	.	0	<a href="#">get it</a>
GP-21	2004-09-04	8	.	15	.	0	<a href="#">get it</a>
GP-22	2004-11-29	8	.	16	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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) / G2 / -  
G: yes U:

rapporporteur: GARAPATY, Sonia  
MCC: Nortel Networks (USA)

freeze\_meeting: SP-06

THOMASEN, Gert

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-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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[get it](#)  
[get it](#)

## TS 04.56 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

R99 current version: 8.0.1 N1 / -

freeze\_meeting: SP-06

remarks - general:

rapporporteur: HUPPERICH, Peter  
MCC: ALCATEL S.A.

JURISIC, Andrijana

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

[get it](#)  
[get it](#)

## TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

R99 current version: 8.0.1 N1 / -

freeze\_meeting: SP-06

remarks - general:

rapporporteur: HUPPERICH, Peter  
MCC: ALCATEL S.A.

JURISIC, Andrijana

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

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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: 8.25.0  
freeze\_meeting: SP-06

WG (prime/ G2 / - MCC: THOMASEN, Gert  
rapporteur: HOWELL, Andrew

G: yes U:

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>	

G = required in systems with GERAN access; U = required in systems with UMTS

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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 *reporteur:* DOJG, 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 (SNDCCP)**  
R99 *current version:* 8.2.0 *reporteur:* DOJG, 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



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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

current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: MCC: 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

[get it](#)  
[get it](#)

## TS 04.69 Broadcast Call Control (BCC) protocol

current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: MCC: 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

[get it](#)  
[get it](#)

## TS 04.71 Location Services (LCS): Mobile radio interface layer 3 specification

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 / G2 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: Peter Sikov  
THOMASEN, Gert

MOTOROLA A/S

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G:yes U: G1 / - rapporteur: JOKINEN, Harri 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	<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>
smg-32	2000-06-20	8	.	4	.	0	<a href="#">get it</a>
GP-01	2000-10-09	8	.	5	.	0	<a href="#">get it</a>
GP-07	2002-01-04	8	.	6	.	0	<a href="#">get it</a>
GP-14	2003-04-25	8	.	7	.	0	<a href="#">get it</a>
GP-17	2003-12-05	8	.	8	.	0	<a href="#">get it</a>
GP-22	2004-12-02	8	.	9	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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

remarks - general:

WG (prime / G:yes U:

rporteur: S..BIRE, Benoit

USAI, Paolino

NOKIA Corporation

G1 / -

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 acces; U = required in systems with UMTS

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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: 8.8.0  
freeze\_meeting: SP-06  
remarks - general:  
WG (prime / G: yes U: )  
G1 / - rapporteur: S..BIRE, Benoist NOKIA Corporation  
USAI, Paolino  
MCC: #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  
remarks - this release:

## history (event, available, version, comments, hyperlink):

smg-29 1999-06-30 8 . 0 . 0 [get it](#)  
smg-30 1999-11-11 8 . 1 . 0 [get it](#)  
smg-30b 1999-12-06 8 . 2 . 0 [get it](#)  
smg-31 2000-02-16 8 . 3 . 0 [get it](#)  
smg-31b 2000-04-17 8 . 4 . 0 [get it](#)  
ETSI publication 2000-10-17 8 . 4 . 1 [get it](#)  
smg-32 2000-06-20 8 . 5 . 0 [get it](#)  
ETSI publication 2003-08-22 8 . 5 . 1 [get it](#)  
GP-02 2000-11-24 8 . 6 . 0 [get it](#)  
edito 2001-02-15 8 . 6 . 1 [get it](#)  
GP-14 2003-04-25 8 . 7 . 0 [get it](#)  
GP-22 2004-12-02 8 . 8 . 0 [get it](#)

**TS 05.04** Modulation  
R99 current version: 8.4.0  
freeze\_meeting: SP-06  
remarks - general:  
WG (prime / G: yes U: )  
G1 / - rapporteur: S..BIRE, Benoist NOKIA Corporation  
USAI, Paolino  
MCC: #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  
remarks - this release:

## history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0 [get it](#)  
smg-30b 1999-12-06 8 . 1 . 0 [get it](#)  
edito 2000-12-02 8 . 1 . 1 [get it](#)  
ETSI publication 2001-02-21 8 . 1 . 2 [get it](#)  
GP-03 2001-02-15 8 . 2 . 0 [get it](#)  
GP-05 2001-06-29 8 . 3 . 0 [get it](#)  
GP-07 2002-01-04 8 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / G:yes U: / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
MCC: USAI, Paolino

G1 / - 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

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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

remarks - general:

WG (prime /

G:yes U:

G1 / -

remarks - this  
release:

rapporporteur: EL-SAIGH, Amer

MCC: USAI, Paolino

VODAFONE Group Plc

### 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>
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

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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	WG (prime /	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
R99		current version: 8.5.0 freeze_meeting: SP-06	G: yes U:		Peter Skov USAI, Paolino		
remarks - general:							
history (event, available, version, comments, hyperlink):							
ETSI publication							
smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>				
smg-32	2000-06-20	8 . 1 . 0	<a href="#">get it</a>				
GP-02	2000-11-24	8 . 2 . 0	<a href="#">get it</a>				
GP-03	2001-01-15	8 . 3 . 0	<a href="#">get it</a>				
GP-06	2001-10-01	8 . 4 . 0	<a href="#">get it</a>				
GP-07	2002-01-04	8 . 5 . 0	<a href="#">get it</a>				
remarks - this release:							

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99  
current version: 8.12.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: JOKINEN, Harri  
USAI, Paolino

NOKIA MOBILE PHONES

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  
current version: 8.0.0

freeze\_meeting: GP-22

remarks - general: Actually a back formation from 45.015 record.

## Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

WG (prime /  
G: yes U:

G1 / -

rappporteur: ESCULIER, Carole  
USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - this  
release:

history (event, available, version, comments, hyperlink):

GP-22 2004-11-30 2 . 0 . 0 GP-042852  
[get it](#)  
GP-22 2004-12-02 8 . 0 . 0  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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

current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: 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

[get it](#)

## TR 05.50 Background for RF Requirements

current version: 8.2.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
MCC: USAI, Paolino

MOTOROLA A/S

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: 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

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: USAI, Paolino  
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

[get it](#)  
[get it](#)

## TS 06.02 Half Rate Speech Processing Functions

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
G: yes U: USAI, Paolino  
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 / S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
G: yes U: USAI, Paolino  
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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# 3GPP specification status

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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 /  
G: yes U:  
freeze\_meeting: SP-06

S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

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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## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime /  
G: yes U:  
freeze\_meeting: SP-06

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
T-MOBILE DEUTSCHLAND

remarks - general:  
remarks - this release:

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 /  
G: yes U:  
freeze\_meeting: SP-06

S4 / - rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino  
PHILIPS Semiconductors

remarks - general:  
remarks - this release:

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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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

WG (prime /  
G: yes U:  
freeze\_meeting: SP-06

remarks - general:

S4 / - rapporteur: NAVARRO, William  
MCC: USAI, Paolino NORTEL NETWORKS (EUROPE)

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 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

WG (prime /  
G: yes U:  
freeze\_meeting: SP-06

remarks - general:

S4 / - rapporteur: SERENO, Daniele  
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 2000-11-15 8 . 0 . 1  
SP-12 2001-06-29 8 . 1 . 0

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## TS 06.20 Half Rate Speech Transcoding

WG (prime /  
G: yes U:  
freeze\_meeting: SP-06

remarks - general:

S4 / - rapporteur: AFTELAK, Steve  
MCC: 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

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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

R99 WG (prime) / S4 / -  
G: yes U: remarks - this release:

rapporateur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - general:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI publicatoin 2000-11-15 8 . 0 . 1

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## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

R99 WG (prime) / S4 / -  
G: yes U: remarks - this release:

rapporateur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

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

R99 WG (prime) / S4 / -  
G: yes U: remarks - this release:

rapporateur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

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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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

remarks - general:

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new One

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 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new One  
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 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

remarks - general:

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new One

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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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**  
R99 *WG (prime /*  
*G: yes U:*

*freeze\_meeting: SP-06*

*remarks - general:*

S4 / - *rappporteur: Jf RVINEN, Kari*  
*MCC: USAI, Paolino*

*remarks - this*  
*release: #32.8.1.0 TSG#10:8.2.0*

NOKIA Corporation

*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**

R99 *WG (prime /*  
*G: yes U:*

*freeze\_meeting: SP-06*

*remarks - general:*

S4 / - *rappporteur: Jf RVINEN, Kari*  
*MCC: 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 06.54** **Test sequences for the GSM Enhanced Full Rate (EFR)**

R99 *WG (prime /*  
*G: yes U:*

*freeze\_meeting: SP-06*

*remarks - general:*

S4 / - *rappporteur: Jf RVINEN, Kari*  
*MCC: 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*  
*smg-32 2000-06-20 8 . 1 . 0*  
*SP-10 2000-12-20 8 . 2 . 0*

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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 06.55 Performance characterisation of the GSM EFR Speech Codec

R99  
current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S4 / - T-MOBILE DEUTSCHLAND

rapporteur: SALEM, Tarek  
MCC: USAI, Paolino

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 /  
G: yes U:

S4 / - NOKIA Corporation

rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

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 /  
G: yes U:

S4 / - NOKIA Corporation

rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
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ETSI Publication 2000-11-15 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)

## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R99 WG (prime / G: yes U: )  
freeze\_meeting: SP-06

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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S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - this release:

## TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report

R99 WG (prime / G: yes U: )  
freeze\_meeting: SP-06

remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title.

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-07 2 . 0 . 0  
SP-07 2000-03-17 8 . 0 . 0  
fix invisible figures 2002-01-10 8 . 0 . 1

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## TS 06.77 Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder

R99 WG (prime / G: yes U: )  
freeze\_meeting: SP-06

remarks - general:

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this release: #32:8.0.0 TSG#11:8.1.0

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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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 /  
G: yes U:

S4 / -

rappporteur: USAI, Paolino  
MCC: 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 2003-04-04 8 . 0 . 1

C-Code tool

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## 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 /  
G: yes U:

S4 / -

rappporteur: Jf RVINEN, Kari  
MCC: 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 06.82 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 /  
G: yes U:

S4 / -

rappporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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ETSI Publication 2000-11-15 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)

**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 / S4 / - rapporteur:* USAI, Paolino  
*G: yes U:* USAI, Paolino  
*MCC:* TELECOM ITALIA S.p.A.  
*remarks - general:* *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 / G2 / - rapporteur:* ANDERSEN, Niels  
*G: yes U:* Peter Skov  
*MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:* MOTOROLA A/S

*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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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 / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

G: yes U: MCC:

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 08.04 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 / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

G: yes U: MCC:

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 08.06 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 / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

G: yes U: MCC:

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 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R99  
current version: 8.15.0  
freeze\_meeting: SP-06

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

rapporteur:

G2 / -

WG (prime /

G: yes U:

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-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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remarks - general:

## TS 08.14

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

## General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

MOTOROLA A/S

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

rapporteur:

G2 / -

WG (prime /

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 08.16** 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  
MOTOROLA A/S

WG (prime / G2 / -)  
rapporteur: ANDERSEN, Niels  
Peter 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 08.18** 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

WG (prime / G2 / -)  
rapporteur: BLACK, Jyoti  
THOMASEN, Gert

MCC:

G: yes U:

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  
smg-31 2000-02-16 8 . 2 . 0  
smg-31b 2000-04-17 8 . 3 . 0  
GP-01 2000-10-11 8 . 4 . 0  
GP-02 2000-11-30 8 . 5 . 0  
edito 2001-01-23 8 . 5 . 1  
GP-03 2001-01-31 8 . 6 . 0  
GP-04 2001-05-04 8 . 7 . 0  
GP-05 2001-06-18 8 . 8 . 0  
GP-06 2001-10-05 8 . 9 . 0  
GP-09 2002-05-06 8 . 10 . 0  
GP-18 2004-02-23 8 . 11 . 0  
GP-19 2004-05-06 8 . 12 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 current version: 8.4.1 WG (prime) / N3 / - rapporteur: RfSfNEN, Juha NOKIA Corporation

freeze\_meeting: SP-06 G: yes U: HAN, Seung Don

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  
publication 8.4.0

## TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification

R99 current version: 8.1.1 WG (prime) / G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze\_meeting: SP-06 G: yes U: Peter Skov

remarks - general: MCC: THOMASEN, Gert

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

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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 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

WG (prime /

G2 / -

MOTOROLA A/S

rapporteur:  
ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

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

[get it](#)  
[get it](#)

---

## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Principles

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

WG (prime /

G2 / -

MOTOROLA A/S

rapporteur:  
ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

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

[get it](#)  
[get it](#)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R99  
current version: 8.0.1  
freeze\_meeting: SP-06

WG (prime /

G2 / -

MOTOROLA A/S

rapporteur:  
ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

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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G = required in systems with GERAN access; U = required in systems with UMTS



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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

remarks - general:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
G: yes U: remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
edito 2002-06-17 8 . 0 . 1

[get it](#)  
[get it](#)

## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R99 current version: 8.6.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
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

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 08.60 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 freeze\_meeting: SP-06 rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino MOTOROLA A/S

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

G: yes U:  
G2 -> G1.

remarks - this release:

### 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

## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R99 current version: 8.1.0 freeze\_meeting: SP-06 rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino MOTOROLA A/S

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

G: yes U:  
G2 -> G1.

remarks - this release:

### 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 08.62 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 / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-07 2000-03-17 8 . 0 . 0 [get it](#)  
edito 2000-08-08 8 . 0 . 1 [get it](#)

## 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  
remarks - general:  
WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
G: yes U: Peter Skov  
MCC: THOMASEN, Gert  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
smg-31b 2000-04-17 8 . 1 . 0 [get it](#)  
GP-02 2000-11-30 8 . 2 . 0 [get it](#)  
GP-06 2001-09-14 8 . 3 . 0 [get it](#)  
GP-07 2002-01-08 8 . 4 . 0 [get it](#)  
GP-08 2002-03-26 8 . 5 . 0 [get it](#)

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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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)

## TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
MCC: KYMALAINEN, Kimmo

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-07 2000-03-15 8 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

N1 / -

rapporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh JURISIC, Andrijana

MCC: #31: 8.0.0 TSG#10:8.1.0  
remarks - this  
release:

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

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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) / G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA AIS

current version: 8.7.1

freeze\_meeting: SP-06

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31	2000-02-16	8	.	0	.	0
smg-31b	2000-04-17	8	.	1	.	0
smg-32	2000-06-20	8	.	2	.	0
GP-01	2000-09-01	8	.	3	.	0
GP-06	2001-09-14	8	.	4	.	0
GP-07	2002-01-08	8	.	5	.	0
GP-10	2002-07-19	8	.	6	.	0
GP-19	2004-05-06	8	.	7	.	0
post GP-19	2004-05-18	8	.	7	.	1

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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) / S2 / -

rappporteur: GALLIGO, Michel  
ALCATEL S.A.

MCC:

freeze\_meeting: SP-06

G: yes U:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	2000-02-09	8	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: )  
G1 / - rapporteur: MUELLER, Frank  
USAI, Paolino  
MCC: Teleton AB LM Ericsson  
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 Mobile station (MS) conformance specification; Part 1: Conformance specification

R99 current version: 8.3.0  
freeze\_meeting: SP-06

WG (prime / G3new/ S1 / rapporteur: SALMERON, Lidia  
NP / TELEPLUS LIMITED  
T2 /  
SCP

G: yes U:

remarks - general: R99 version now serves all releases. Earlier releases closed..  
Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
MCC: CLAYTON, Michael  
#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

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Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series) ACTIVE specs R99 11 .- series

**TS 11.10-4** Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification  
R99 current version: 8.9.0  
freeze\_meeting: SP-06  
WG (prime / T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED 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: RODERMUND, Friedhelm  
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 R99 from previous rel 8 . 0 . 0 never actually done

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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99  
current version: 8.12.0  
freeze\_meeting: SP-06

WG (prime / T3 / -  
G: yes U: / -

rappporteur: GUTHERY, Scott B.  
MCC: RODERMUND, Friedhelm

Mobile-Mind Inc.  
RODERMUND, Friedhelm

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  
TP-18 2003-06-23 8 . 9 . 1

Removal of 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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## TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99  
current version: 8.2.1  
freeze\_meeting: SP-06

WG (prime / T3 / -  
G: yes U: / -

rappporteur: BEGASSAT,  
MCC: RODERMUND, Friedhelm

Axalto S.A.  
RODERMUND, Friedhelm

remarks - general:

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 == v7.4.2  
TP-18 2003-01-02 8 . 1 . 0  
TP-19 2003-03-26 8 . 2 . 0

replace Annex E 2003-04-16 8 . 2 . 1  
with correct file

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G = required in systems with GERAN access; U = required in systems with UMTS



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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 R99

**Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**

current version: 8.17.0

freeze\_meeting: TP-06

WG (prime /

G: yes U:

rappporteur: DUBOIS, Christophe Axalto S.A.

MCC: RODERMUND, Friedhelm

remarks - general: TP-11to be .withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!

T3 / -

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

Correction of CR 2000-05-31 8 . 2 . 1

implementation

smg-32 2000-06-20 8 . 3 . 0

TP-09 2000-10-18 8 . 4 . 0

TP-10 2001-01-05 8 . 5 . 0

TP-11 2001-04-09 8 . 6 . 0 To be withdrawn at TSG#12, subsumed

in 31.111

TP-12 2001-07-06 8 . 7 . 0 Unwithdrawn!

TP-13 2001-10-12 8 . 8 . 0

TP-14 2002-01-16 8 . 9 . 0

TP-15 2002-03-28 8 . 10 . 0

TP-16 2002-06-25 8 . 11 . 0

TP-18 2003-01-02 8 . 12 . 0

TP-19 2003-03-26 8 . 13 . 0

TP-20 2003-06-23 8 . 14 . 0

TP-22 2004-01-12 8 . 15 . 0

TP-23 2004-03-25 8 . 16 . 0

TP-25 2004-09-23 8 . 17 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series) ACTIVE specs R99 11 .- series

## TS 11.17 Subscriber Interface Module (SIM) test specification

R99  
current version: 8.1.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U: T3 / - rapporteur: SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
RODERMUND, Friedhelm  
MCC: May 00: R99 not anticipated. TP-18: R99 created.  
remarks - this release: TP-18: 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 [get it](#)  
TP-19 2003-03-27 8 . 1 . 0 [get it](#)

## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99  
current version: 8.9.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U: G1 / - rapporteur: VACANT,  
USAI, Paolino  
MCC: May 00: R99 not anticipated. TP-18: R99 created.  
remarks - this release: TP-18: R99 not anticipated. TP-18: R99 created.

history (event, available, version, comments, hyperlink):

smg-30b 1999-12-06 8 . 0 . 0 [get it](#)  
smg-31 2000-02-16 8 . 1 . 0 [get it](#)  
ETSI publication 2003-08-22 8 . 1 . 1 [get it](#)  
smg-31b 2000-04-17 8 . 2 . 0 [get it](#)  
smg-32 2000-06-20 8 . 3 . 0 [get it](#)  
GP-01 2000-09-01 8 . 4 . 0 [get it](#)  
GP-02 2000-11-24 8 . 5 . 0 [get it](#)  
GP-04 2001-04-18 8 . 6 . 0 [get it](#)  
GP-12 2003-01-03 8 . 7 . 0 [get it](#)  
GP-13 2003-02-21 8 . 8 . 0 [get it](#)  
GP-15 2003-07-11 8 . 9 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 WG (prime) /

freeze\_meeting: SP-06

G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov  
USAI, Paolino

MCC:

G: yes U:

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

[get it](#)  
[get it](#)  
[get it](#)

## R99

12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.03

R99 Security Management

current version: 8.0.0

freeze\_meeting: SP-06

WG (prime) /

S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd

NP

MCC:

G: yes U:

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-04-19 8 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / S5 / S1 / NP / rapporteur: TOCHE, Christian / NORTEL NETWORKS (EUROPE)  
G: yes U: MCC: ZOICAS, Adrian

remarks - this release:

history (event, available, version, comments, hyperlink):  
Upgrade to R99 2000-04-19 8 . 0 . 0  
SP-16 2002-06-28 8 . 1 . 0

[get it](#)  
[get it](#)

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R99  
current version: 8.0.0  
freeze\_meeting: SP-06  
remarks - general: SP-13: S5->G3 but no change of rapporteur.

G1 / S5 rapporteur: TRUSS, Michael / MOTOROLA Ltd  
USAI, Paolino  
MCC: GP-09 (Usai) created to fill the Release gap.

remarks - this release:

history (event, available, version, comments, hyperlink):  
GP-09 2002-05-06 8 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G-.yes U):  
S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
MCC: ZOICAS, Adrian  
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

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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 R99 21 .- series

## TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system

WG (prime) /

SP / -

ETSI Secretariat

rapporteur: MEREDITH, John M

MCC:

remarks - this release:

G: U: yes

current version: 3.13.0

R99

freeze\_meeting: SP-07

U: yes

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications".

### 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	post SP-06	
SP-07		2	.	3	.	0	SP-000037	
SP-07		2	.	4	.	0	SP-000104	
SP-07		2	.	5	.	0		<a href="#">get it</a>
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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / T3 / - rapporteur: KALINER, Stefan T-Mobile International AG  
G: U: yes MCC: RODERMUND, Friedhelm  
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
```

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## TS 21.133 3G security: Security threats and requirements

R99  
current version: 3.2.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / S3 / - rapporteur: CHRISTOFFERSSON, TeliaSonera 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
```

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 21.801 Specification drafting rules

current version: 3.0.0

freeze\_meeting: SP-23

remarks - general:

WG (prime /  
G: yes U: yes

SP / -

rapporteur: 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 [get it](#)

## TR 21.810 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 /

T2 / -

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes

MCC: RODERMUND, Friedhelm

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 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 R99 21 .- series

## TR 21.900 Technical Specification Group working methods

current version: 3.7.0

freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

SP / -

rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - this release: SP-22: Fron 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
SP-05	1999-10-13	3	.	2	.	0
SP-08	2000-06-28	3	.	3	.	0
SP-09	2000-10-04	3	.	4	.	0
SP-10	2001-01-04	3	.	5	.	0
SP-11	2001-04-11	3	.	6	.	0
SP-22	2004-01-14	3	.	7	.	0

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## TR 21.904 User Equipment (UE) capability requirements

current version: 3.5.0

freeze\_meeting: SP-07

remarks - general:

WG (prime /

T2 / -

rapporteur: RODERMUND, FriedhelmVodafone D2 GmbH  
MCC: RODERMUND, Friedhelm

G: U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0
TP-04	1999-06-18	0	.	0	.	3
TP-05	1999-10-08	1	.	0	.	2
TP-06	1999-12-17	1	.	1	.	0
TP-07	2000-03-15	2	.	0	.	0
TP-07	2000-03-15	3	.	0	.	0
Editorial	2000-03-30	3	.	0	.	1
TP-08	2000-06-23	3	.	1	.	0
TP-09	2000-10-16	3	.	2	.	0
TP-10	2001-01-05	3	.	3	.	0
TP-13	2001-10-03	3	.	4	.	0
TP-17	2002-09-16	3	.	5	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.3.0

freeze\_meeting: SP-07

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 /  
G: yes U: yes

rapporteur: ZARRI, Michele  
MCC: CLAYTON, Michael

S1 / - T-Mobile (UK) Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	0	0	1	<a href="#">get it</a>
SP-07	2000-03-15	3	0	0	<a href="#">get it</a>
SP-06	1999-12-17	3	0	0	<a href="#">get it</a>
SP-08	2000-06-23	3	1	0	<a href="#">get it</a>
edito	2000-08-08	3	1	1	<a href="#">get it</a>
SP-09	2000-10-18	3	2	0	<a href="#">get it</a>
SP-13	2001-10-05	3	3	0	<a href="#">get it</a>

## TR 21.910 Multi-mode UE issues; categories, principles and procedures

current version: 3.0.0

freeze\_meeting: SP-08

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.

WG (prime /  
G: U: yes

rapporteur: RODERMUND, Friedhelm  
MCC: RODERMUND, Friedhelm

T2 / - Rodermund, Friedhelm

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N4 / - rapporteur: SMITH, David  
G: yes U: yes mm02 plc  
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 / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: yes NOKIA Corporation  
MCC: CLAYTON, Michael  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-06	1999-12-17	3	.	0	.	0
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

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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 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

R99 WG (prime/

current version: 3.6.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

S1 / -

Research In Motion Limited

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

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)

R99 WG (prime/

current version: 3.3.0

freeze\_meeting: SP-08

remarks - general: Transfer>TSG#5

S1 / -

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
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	
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

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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 /

G: yes U: yes

S1 / -

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research In Motion Limited

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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remarks - this  
release:

## TS 22.011 Service accessibility

current version: 3.8.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime /

G: yes U: yes

S1 / -

rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

ORANGE SA

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

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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 /  
G: yes U: yes

S1 / -

rappporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

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 /  
G: yes U: yes

S3 / -

rappporteur: NGUYEN NGOC,  
Sebastien  
MCC: POPE, Maurice

remarks - this  
release:

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 /  
G: yes U: yes

S1 / -

rappporteur: DEOL, Amar  
MCC: CLAYTON, Michael

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / -  
G: yes U: yes)      rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

SP-05 1999-10-30 3 . 0 . 0 [get it](#)  
SP-05 1999-10-30 3 . 1 . 0 [get it](#)  
SP-06 1999-12-17 3 . 2 . 0 [get it](#)  
SP-07 2000-03-17 3 . 3 . 0 [get it](#)  
SP-09 2000-10-18 3 . 4 . 0 [get it](#)

## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

R99  
current version: 3.0.0  
freeze\_meeting: SP-18

WG (prime / S3 /  
G: yes U: yes)

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 02.31 R99 and 42.031  
Rel-4 & Rel-5 -> 22.031.  
remarks - this  
release: Created from 02.31 R99.

### history (event, available, version, comments, hyperlink):

SP-18 2003-01-06 3 . 0 . 0 Technically identical to 02.31 v8.0.1. [get it](#)

## TS 22.032 Immediate Service Termination (IST); Service description; Stage 1

R99  
current version: 3.0.0  
freeze\_meeting: SP-16

WG (prime / S3 /  
G: yes U: yes)

rapporteur: WRIGHT, Tim  
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 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: yes 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

[get it](#)  
[get it](#)  
[get it](#)

## 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 / S1 / - rapporteur: CARPENTER, Paul  
G: yes U: yes MCC: CLAYTON, Michael  
Research In Motion Limited  
remarks - this  
release:

WG (prime /  
G: yes U: yes

### 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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 22.041 Operator Determined Call Barring

R99  
current version: 3.3.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

rapporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S1 / -

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this  
release: CR to 3.0.1 not aprvd.

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1

[get it](#)

## TS 22.057 Mobile Execution Environment (MEXE) service description; Stage 1

R99  
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 /  
G: yes U: yes

S1 / -

rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-25 3 . 0 . 0  
edito 1999-10-25 3 . 0 . 1

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

S1 / - rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
Research In Motion Limited  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 1 . 0 [get it](#)  
SP-06 1999-12-17 3 . 2 . 0 [get it](#)  
SP-07 2000-03-15 3 . 3 . 0 [get it](#)  
SP-08 2000-06-28 3 . 4 . 0 [get it](#)  
SP-09 2000-10-18 3 . 5 . 0 [get it](#)

**TS 22.066** **Support of Mobile Number Portability (MNP); Stage 1**

R99 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

S1 / - 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 [get it](#)  
SP-07 2000-03-15 3 . 1 . 0 [get it](#)  
SP-08 2000-06-28 3 . 2 . 0 [get it](#)

**TS 22.067** **enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1**

R99 WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

S1 / - 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 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

S1 / -

rapporporteur: 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-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

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

## 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 /

G: yes U: yes

S1 / -

rapporporteur: HECHWARTNER,  
Roland

MCC: CLAYTON, Michael

T-Mobile International 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

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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

R99  
current version: 3.9.0  
freeze\_meeting: SP-05

WG (prime / 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-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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[get it](#)

## TS 22.079 Support of optimal routing; Stage 1

R99  
current version: 3.0.1  
freeze\_meeting: SP-05

WG (prime / S1 / -  
G: yes U: yes

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

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

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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 22.081 Line Identification supplementary services; Stage 1

R99  
current version: 3.2.0  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / S1 / - rapporteur: BLOMSTRAND, Ola  
G: yes U: yes MCC: CLAYTON, Michael  
TeliaSonera AB  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
SP-08 2000-06-28 3 . 2 . 0

[get it](#)  
[get it](#)

## 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 / S1 / - rapporteur: IBIDUN, Kunle  
G: yes U: yes MCC: CLAYTON, Michael  
ORANGE SA  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 0 . 1  
post SP-23 edito 2004-03-23 3 . 0 . 2

[get it](#)  
[get it](#)

## 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 / S1 / - rapporteur: CLAYTON, Michael  
G: yes U: yes MCC: CLAYTON, Michael  
EMCOM Ltd  
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

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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 /  
G: yes U: yes

S1 / -

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

[get it](#)

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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 /  
G: yes U: yes

S1 / -

rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael

TeliaSonera AB

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

[get it](#)  
[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 /  
G: yes U: yes

S1 / -

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes  
S1 / -  
rapporteur: ACHTER, Johannes  
CLAYTON, Michael  
T-Mobile International AG  
MCC:  
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  
[get it](#)  
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 /  
G: yes U: yes  
S1 / -  
rapporteur: ACHTER, Johannes  
CLAYTON, Michael  
T-Mobile International AG  
MCC:  
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 /  
G: yes U: yes  
S1 / -  
rapporteur: IGNATIUS, Jan  
CLAYTON, Michael  
NOKIA Corporation  
MCC:  
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  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 22.091 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 /  
G: yes U: yes

S1 / -  
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

[get it](#)  
[get it](#)

## 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 /  
G: yes U: yes

S1 / -  
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

[get it](#)

## TS 22.094 Follow Me service description - Stage 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-06

WG (prime /  
G: yes U: yes

S1 / -  
rapporteur: HECHWARTNER,  
Roland  
MCC: CLAYTON, Michael  
remarks - this  
release:

T-Mobile International AG

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.  
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



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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 /  
G: yes U: yes

S1 / -

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 [get it](#)

## 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 /  
G: yes U: yes

S1 / -

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 [get it](#)  
SP-09 2000-10-18 3 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd  
G: U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1988-09-16	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 acces; U = required in systems with UMTS

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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

remarks - general:

WG (prime / S1 / - rapporteur: DEOL, Amar  
G: U: yes MCC: CLAYTON, Michael  
Nortel Networks (USA)  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	3	. 5	. 0	<a href="#">get it</a>
SP-04	1999-06-23	3	. 6	. 0	<a href="#">get it</a>
SP-05	1999-10-13	3	. 7	. 0	<a href="#">get it</a>
SP-06	1999-12-17	3	. 8	. 0	<a href="#">get it</a>
SP-07	2000-03-15	3	. 9	. 0	<a href="#">get it</a>
SP-08	2000-06-28	3	. 10	. 0	<a href="#">get it</a>
SP-09	2000-10-18	3	. 11	. 0	<a href="#">get it</a>
SP-10	2001-01-08	3	. 12	. 0	<a href="#">get it</a>
SP-12	2001-06-27	3	. 13	. 0	<a href="#">get it</a>
SP-20	2003-06-18	3	. 14	. 0	<a href="#">get it</a>
SP-21	2003-09-30	3	. 15	. 0	<a href="#">get it</a>
SP-22	2004-01-06	3	. 16	. 0	<a href="#">get it</a>
SP-23	2004-03-23	3	. 17	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd  
G: U: yes MCC: CLAYTON, Michael

remarks - this  
release:

### history (event, available, version, comments, hyperlink):

First complete	1997-06-13	1	.	0	.	0		<a href="#">get it</a>
draft	1997-12-19	1	.	4	.	1		<a href="#">get it</a>
WG approval	1998-02-15	2	.	0	.	0		<a href="#">get it</a>
smg-25	1998-03-20	3	.	0	.	0		<a href="#">get it</a>
smg-26	1998-06-20	3	.	1	.	0		<a href="#">get it</a>
smg-28	1999-02-15	3	.	2	.	0		<a href="#">get it</a>
SP-03	1999-04-23	3	.	4	.	0		<a href="#">get it</a>
SP-04	1999-06-23	3	.	5	.	0		<a href="#">get it</a>
SP-05	1999-10-13	3	.	6	.	0		<a href="#">get it</a>
SP-06	1999-12-17	3	.	7	.	0		<a href="#">get it</a>
SP-07	2000-03-15	3	.	8	.	0		<a href="#">get it</a>
SP-08	2000-06-28	3	.	9	.	0		<a href="#">get it</a>
SP-10	2001-01-08	3	.	10	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.4.0

freeze\_meeting: SP-03

remarks - general:

WG (prime /

G: yes U: yes

S1 / -

rapporporteur:

SCARRONE, Enrico

CLAYTON, Michael

TELECOM ITALIA S.p.A.

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

First complete	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

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## TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

current version: 3.3.1

freeze\_meeting: SP-04

remarks - general:

Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR.

WG (prime /

G: yes U: yes

S1 / -

rapporporteur:

ZARRI, Michele

CLAYTON, Michael

T-Mobile (UK) Ltd

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

OSP parts	1999-03-04	0	.	0	.	0
extracted from						
22,121 v3.2.0						
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

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Converted from TS to TR.

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

S1 / -

rapporporteur: SAMPSON, Nick  
MCC: CLAYTON, Michael

ORANGE SA  
remarks - this  
release:

remarks - general:

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 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

current version: 3.4.0

freeze\_meeting: SP-06

remarks - general:

WG (prime /

G: U: yes

S1 / -

rapporporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

NOKIA Corporation  
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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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 current version: 3.1.0

freeze\_meeting: SP-06

remarks - general: (development in T2)

WG (prime /  
G: U: yes

S1 / -

rapporporteur: 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 /

G: yes U: yes

T2 / NP

rapporporteur: RODERMUND, Friedhelm  
MCC: RODERMUND, Friedhelm

RODERMUND, Friedhelm

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

# 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)

## TR 22.971 Automatic establishment of roaming relationships

current version: 3.1.1  
freeze\_meeting: SP-03

remarks - general:

WG (prime / S1 / - rapporteur: SCARRONE, Enrico  
G: U: yes CLAYTON, Michael TELECOM ITALIA S.p.A.  
MCC: .  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

Table of Contents	1997-10-19	0	.	0	.	1
and Scope						
First complete	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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[get it](#)  
[get it](#)  
[get it](#)

## TR 22.975 Advanced addressing

current version: 3.1.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime / S1 / - rapporteur: WATSON, John  
G: U: yes CLAYTON, Michael VODAFONE Group Plc  
MCC: .  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

Table of Contents	1997-10-17	0	.	1	.	0
and Scope						
First complete	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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R99 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



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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**  
R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4,CR at TSG#5

WG (prime / S2 / - rapporteur: MILINSKI, Alexander SIEMENS AG  
G:yes U: yes 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 acces; U = required in systems with UMTS

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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 / N4 / - MCC: KYMALAINEN, Kimmo

reporteur: RUSSELL, Nick

VODAFONE LTD

G: yes U: yes

remarks - this release:

remarks - general:

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>
	edito	3	. 4	. 1	<a href="#">get it</a>
NP-08	2000-06-28	3	. 5	. 0	<a href="#">get it</a>
NP-09	2000-10-26	3	. 6	. 0	<a href="#">get it</a>
NP-10	2000-12-21	3	. 7	. 0	<a href="#">get it</a>
NP-11	2001-04-02	3	. 8	. 0	<a href="#">get it</a>
NP-12	2001-06-27	3	. 9	. 0	<a href="#">get it</a>
NP-16	2002-06-21	3	. 10	. 0	<a href="#">get it</a>
NP-17	2002-09-17	3	. 11	. 0	<a href="#">get it</a>
NP-20	2003-06-27	3	. 12	. 0	<a href="#">get it</a>
NP-21	2003-10-09	3	. 13	. 0	<a href="#">get it</a>
NP-22	2004-01-12	3	. 14	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime /  
G: yes U: yes

N4 / -

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	<a href="#">get it</a>
NP-04	1999-06-23	3	1	0	<a href="#">get it</a>
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

WG (prime /  
G: yes U: yes

N4 / -  
remarks - this  
release:

ALCATEL SEL AG

rapporteur: BAUER, Rolf  
MCC: KYMALAINEN, Kimmo

### 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	1999-12-15	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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N1 / N4 rapporteur: FARHOUUMAND, Ericsson Incorporated  
G: yes U: yes Rouzbeh JURISIC, Andrijana  
MCC:

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-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

## TS 23.011

**Technical realization of Supplementary Services**

current version: 3.1.0  
freeze\_meeting: SP-03

WG (prime / N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND  
G: yes U: yes KYMALAINEN, Kimmo  
MCC:

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

N4 / - rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
TeliaSonera.AB

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

NP-06 1999-12-15 3 . 1 . 0 [get it](#)

NP-07 2000-03-15 3 . 2 . 0 [get it](#)

CR 23.012-003r3 2000-06-05 3 . 2 . 1

removed (error)

NP-08 2000-06-23 3 . 3 . 0 [get it](#)

## 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 /  
G: yes U: yes

N1 / - rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
SIEMENS AG

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

NP-06 1999-12-17 3 . 1 . 0 [get it](#)

NP-17 2002-09-17 3 . 2 . 0 [get it](#)

## TS 23.015 Technical realization of Operator Determined Barring (ODB)

R99 current version: 3.1.0

freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N4 / - rapporteur: PARK, Ian David  
Chalmers  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

NP-04 1999-06-23 3 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: yes MCC: KYMALAINEN, Kimmo

Gesellschaft f r 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	<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-09	2000-10-26	3	6	0	<a href="#">get it</a>
NP-11	2001-03-30	3	7	0	<a href="#">get it</a>
NP-15	2002-03-28	3	8	0	<a href="#">get it</a>
NP-17	2002-09-17	3	9	0	<a href="#">get it</a>
NP-23	2004-03-23	3	10	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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 /  
G: yes U: yes

N4 / -

rappporteur: PARK, Ian David  
Chalmers

VODAFONE LTD

MCC: KYMALAINEN, Kimmo

remarks - this  
release:

remarks - general:

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-09	2000-10-25	3	6	0	<a href="#">get it</a>
NP-11	2001-04-06	3	7	0	<a href="#">get it</a>
NP-12	2001-07-04	3	8	0	<a href="#">get it</a>
NP-13	2001-10-03	3	9	0	<a href="#">get it</a>
NP-14	2002-01-16	3	10	0	<a href="#">get it</a>
NP-15	2002-03-28	3	11	0	<a href="#">get it</a>
NP-19	2003-04-04	3	12	0	<a href="#">get it</a>

## TS 23.031

Fraud Information Gathering System (FIGS); Service description; Stage 2

current version: 3.0.0

freeze\_meeting: SP-18

WG (prime /

S3 / -

rappporteur: WRIGHT, Tim

Indicate persons who left Company and wait for new  
One

G: yes U: yes

remarks - this  
release:

MCC: POPE, Maurice

Created from 03.31 R99.

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031

Rel-4 & Rel-5 -> 23.031.

history (event, available, version, comments, hyperlink):

SP-18	2003-01-06	3	0	0	Technically identical to 03.31 v8.0.0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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 current version: 3.2.1

freeze\_meeting: SP-03

remarks - general: S2 responsibility?

WG (prime /  
G: yes U: yes

S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
MCC: BOSWARTHICK, David

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 0

SP-07 2000-03-15 3 . 1 . 0

SP-18 2003-01-07 3 . 2 . 0

edito post SP-18 2003-01-10 3 . 2 . 1

to correct figures

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## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N1 / - rapporteur: CARRI" N, Inmaculada NOKIA Corporation  
MCC: JURISIC, Andrijana

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 1999-12-17 3 . 1 . 1

NP-07 2000-03-15 3 . 2 . 0

NP-10 2001-01-02 3 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS



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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  
*remarks - general:* SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).  
*WG (prime /* S3 / - *rapporteur:* WRIGHT, Tim  
*G: yes* U: yes  
*U: yes*  
*MCC:* POPE, Maurice  
*remarks - this release:* SP-16: takes over from 03,35 R99.  
Indicate persons who left Company and wait for new One

### *history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 3 . 0 . 0  
SP-17 2002-09-18 3 . 1 . 0

## TS 23.038 Alphabets and language-specific information

R99  
*current version:* 3.3.0  
*freeze\_meeting:* SP-04  
*remarks - general:*  
T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*MCC:* RODERMUND, Friedhelm  
*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

## 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  
*remarks - general:*  
T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*MCC:* RODERMUND, Friedhelm  
*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

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

current version: 3.10.0

freeze\_meeting: SP-04

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: yes MCC: RODERMUND, Friedhelm

remarks - this release:

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)

current version: 3.5.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: yes MCC: RODERMUND, Friedhelm

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>	
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

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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 /  
G: yes U: yes

T2 / - rapporteur: HARRIS, Ian  
RODERMUND, Friedhelm

2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-28 1 . 0 . 0 [get it](#)  
TP-04 1999-06-23 3 . 0 . 0 [get it](#)  
TP-06 1999-12-17 3 . 1 . 0 test vectors provided 23/01/200 [get it](#)

## 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 /  
G: yes U: yes

T2 / - rapporteur: BRENK, Lars  
RODERMUND, Friedhelm

2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-28 1 . 0 . 0 [get it](#)  
TP-04 (MEXE R98 1999-06-18 1 . 1 . 0 [get it](#)  
GSM 03.57)  
TP-05 1999-10-08 1 . 5 . 0 [get it](#)  
TP-06 completed 1999-12-17 3 . 0 . 0 [get it](#)  
TP-07 2000-03-15 3 . 1 . 0 [get it](#)  
Editorial 2000-03-15 3 . 1 . 1 [get it](#)  
TP-08 2000-06-23 3 . 2 . 0 [get it](#)  
TP-09 2000-10-16 3 . 3 . 0 [get it](#)  
TP-11 2003-10-14 3 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 *WG (prime /*  
*G: yes U: yes*  
*freeze\_meeting: SP-03*  
*remarks - general: Transfer>TSG#4*

S2 / - *rapporteur: KUCHIBHOTLA, Ravi*  
*MCC: BOSWARTHICK, David*  
*remarks - this release:*

MOTOROLA Ltd

## history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 3 . 1 . 0 [get it](#)  
SP-06 1999-12-23 3 . 2 . 0 [get it](#)  
SP-07 2000-03-15 3 . 3 . 0 [get it](#)  
SP-08 2000-06-28 3 . 4 . 0 [get it](#)  
SP-09 2000-11-04 3 . 5 . 0 [get it](#)  
SP-10 2001-01-12 3 . 6 . 0 [get it](#)  
SP-11 2001-04-06 3 . 7 . 0 [get it](#)  
SP-12 2001-06-29 3 . 8 . 0 [get it](#)  
SP-13 2001-10-12 3 . 9 . 0 [get it](#)  
SP-14 2002-01-09 3 . 10 . 0 [get it](#)  
edito 3 . 10 . 1  
SP-15 2002-04-07 3 . 11 . 0 [get it](#)  
SP-16 2002-06-17 3 . 12 . 0 [get it](#)  
SP-17 2002-10-02 3 . 13 . 0 [get it](#)  
SP-18 2003-01-10 3 . 14 . 0 [get it](#)  
SP-20 2003-06-20 3 . 15 . 0 [get it](#)  
SP-22 2004-01-06 3 . 16 . 0 [get it](#)

**TS 23.066** **Support of GSM Mobile Number Portability (MNP) stage 2**

R99 *WG (prime /*  
*G: yes U: yes*  
*freeze\_meeting: SP-05*  
*remarks - general: Transfer>TSG#4, CR at TSG#5*

N4 / - *rapporteur: LOPEZ SORIA, Luis*  
*MCC: KYMALAINEN, Kimmo*  
*remarks - this release:*

Telefon AB LM Ericsson

## history (event, available, version, comments, hyperlink):

NP-05 1999-10-13 3 . 1 . 0 [get it](#)  
NP-07 2000-03-15 3 . 2 . 0 [get it](#)  
NP-08 2000-06-23 3 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime / G: yes U: yes)  
freeze\_meeting: SP-03

N4 / - rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo

SIEMENS AG

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-10	2000-12-21	3	2	0
NP-12	2001-06-27	3	3	0

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[get it](#)  
[get it](#)

## TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 WG (prime / G: yes U: yes)  
freeze\_meeting: SP-03

T-MOBILE DEUTSCHLAND

CONRAD, Alan  
KYMALAINEN, Kimmo

N4 / - rapporteur:  
MCC:

remarks - general:  
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	1999-12-17	3	2	0
NP-09	2000-10-26	3	3	0

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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.19.0

freeze\_meeting: SP-03

WG (prime/

G: yes U: yes

N4 / - rapporteur: HOMANN, Christian ALCATEL SEL AG

MCC: KYMALAINEN, Kimmo

remarks - this Phase 3. TSG#7:Aprv/ CRs 56r3 & 18 by e-mail by 31-mar-00.

release:

remarks - general: NP-24: txferred to N4 on closure of N2.

### 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

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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

WG (prime /

freeze\_meeting: SP-03

G: yes U: yes

N4 / -

rapporporteur: PARK, Ian David

Chalmers

KYMALAINEN, Kimmo

VODAFONE LTD

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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remarks - this  
release:

## TS 23.081 Line Identification supplementary services; Stage 2

R99

WG (prime /

freeze\_meeting: SP-03

G: yes U: yes

N4 / -

rapporporteur: KYMALAINEN, Kimmo

KYMALAINEN, Kimmo

TeliaSonera AB

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-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

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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 /  
G: yes U: yes

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera.AB

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 /  
G: yes U: yes

N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

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



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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 /  
G: yes U: yes

N4 / - rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

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 /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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 /  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 3.1.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this  
release:

Gesellschaft f, r Kommunikations Software

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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[get it](#)  
[get it](#)

## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

R99  
current version: 3.2.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this  
release:

Gesellschaft f, r Kommunikations Software

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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[get it](#)  
[get it](#)

## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

R99  
current version: 3.2.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -  
rapporteur: CROOK, Mick  
MCC: KYMALAINEN, Kimmo  
remarks - this  
release:

ORANGE PCS LTD

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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  
ETSI Publication 2000-11-07 3 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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-09 2000-10-26 3 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 current version: 3.0.1

freeze\_meeting: SP-03

remarks - general:

WG (prime / 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-03 1999-04-23 3 . 0 . 0  
edito 2000-06-06 3 . 0 . 1

[get it](#)  
[get it](#)

## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

R99 current version: 3.1.1

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4,CR at TSG#5

WG (prime / N4 / - rapporteur: RUSSELL, Nick  
G: yes U: yes MCC: KYMALAINEN, Kimmo  
remarks - this release: VODAFONE LTD

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 23.101 General UMTS Architecture

R99 current version: 3.1.0

freeze\_meeting: SP-04

remarks - general:

WG (prime / S2 / - rapporteur: OLSSON, Magnus  
G: U: yes MCC: BOSWARTHICK, David  
remarks - this release: Telefon AB LM Ericsson

history (event, available, version, comments, hyperlink):

First complete 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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[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.9.0

freeze\_meeting: SP-05

remarks - general: was 23.907

WG (prime /  
G: U: yes

S2 / -  
rapporteur:  
MCC:

RINNE, Janne  
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>
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>

CR072r1 erroneously implemented;  
anticipate correction at SP-15.

## TS 23.108

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 /  
G: yes U: yes

N1 / -  
rapporteur:  
MCC:

DOIG, Ian  
JURISIC, Andrijana  
MOTOROLA S.A.S

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	<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

# 3GPP specification status

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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 23.110 UMTS Access Stratum Services and Functions

R99  
current version: 3.4.0  
freeze\_meeting: SP-07

remarks - general:

WG (prime / S2 / - rapporteur: LOPEZ-TORRES, One  
Indicate persons who left Company and wait for new One  
G: yes U: yes  
MCC: BOSWARTHICK, David

remarks - this release:

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

## TS 23.116 Super-Charger technical realization; Stage 2

R99  
current version: 3.2.0  
freeze\_meeting: SP-07

remarks - general: New after TSG#5

WG (prime / N4 / - rapporteur: ALLEN, Nicholas One  
Indicate persons who left Company and wait for new One  
G: yes U: yes  
MCC: KYMALAINEN, Kimmo

remarks - this release:

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

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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

current version: 3.0.0

freeze\_meeting: SP-07

remarks - general: New after TSG#5

WG (prime /  
G: yes U: yes

N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

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 [get it](#)  
draft 1999-09-01 0 . 2 . 0 [get it](#)  
draft 1999-10-01 0 . 3 . 0 [get it](#)  
draft 1999-11-01 0 . 4 . 0 [get it](#)  
draft 1999-11-15 0 . 5 . 0 [get it](#)  
N2b, Milan 2000-02-28 1 . 0 . 0 [get it](#)  
NP-07 2000-11-21 2 . 0 . 0 [get it](#)  
NP-10 2001-01-09 3 . 0 . 0 [get it](#)

## TS 23.121 Architectural requirements for Release 1999

current version: 3.6.0

freeze\_meeting: SP-04

remarks - general:

WG (prime /  
G: yes U: yes

S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK  
MCC: BOSWARTHICK, David

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete 1999-04-23 0 . 0 . 0 [get it](#)  
SP-03 1999-04-23 1 . 0 . 0 [get it](#)  
draft 1999-06-01 1 . 0 . 1 [get it](#)  
draft 1999-06-20 2 . 0 . 0 [get it](#)  
SP-04 1999-06-23 3 . 0 . 0 [get it](#)  
SP-05 1999-10-13 3 . 1 . 0 [get it](#)  
SP-06 1999-12-17 3 . 2 . 0 [get it](#)  
SP-07 2000-03-15 3 . 3 . 0 [get it](#)  
SP-09 2000-10-19 3 . 4 . 0 [get it](#)  
SP-10 2000-12-20 3 . 5 . 0 [get it](#)  
edito 2001-02-01 3 . 5 . 1 [get it](#)  
SP-16 2002-06-18 3 . 6 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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**  
R99 *WG (prime) /*  
*freeze\_meeting: SP-03* G: yes U: yes

N1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation

*MCC:* JURISIC, Andrijana

*remarks - this release:* Created at 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		<a href="#">get it</a>
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



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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 /

G: U: yes

rapporteur: GOURRAUD, Christophe ERICSSON RESEARCH CANADA

MCC: BOSWARTHICK, David

S2 / -

remarks - this release:

remarks - general: Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25.

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 /

G: U: yes

rapporteur: MITAMURA, Kazuo

MCC: KYMALAINEN, Kimmo

N4 / -

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

# 3GPP specification status

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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

WG (prime /  
G: yes U: yes

T2 / - rapporteur: LAUMEN, Josef

MCC: RODERMUND, Friedhelm

INFINEON TECHNOLOGIES

remarks - this  
release:

freeze\_meeting: SP-07  
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	.	0	TP-000028
Editorial	2000-03-15	3	.	0	.	1	.	0	
TP-16	2002-06-24	3	.	1	.	0	.	0	

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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 3.11.0  
freeze\_meeting: SP-07  
WG (prime / U: yes  
G: U: yes  
S2 / -  
rapporteur: WONG, Gavin  
MCC: BOSWARTHICK, David  
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	

## TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99  
current version: 3.1.0  
freeze\_meeting: SP-06  
WG (prime / U: yes  
G: U: yes  
N1 / -  
rapporteur: YOKOTA, Fumihiko  
MCC: JURISIC, Andrijana  
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	

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / 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 / 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 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

# 3GPP specification status

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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

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.

WG (prime / N3 / - rapporteur: HUSLENDE, Ragnar

G: U: yes HAN, Seung Don

Telephone AB LM Ericsson

MCC:

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

remarks - general:

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo

G: yes U: yes KYMALAINEN, Kimmo

TeliaSonera AB

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

Creation of WI by WG/TB	1999-10-13	0	0	0	1
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 acces; U = required in systems with UMTS

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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

current version: 3.1.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
G: yes U: yes 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

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## TR 23.923 Combined GSM and Mobile IP mobility handling in UMTS IP CN

current version: 3.0.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / S2 / - rapporteur: HUBBARD, Elisabeth TeliaSonera AB  
G: yes U: yes 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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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** **Iu Principles** **S2 / -** **WG (prime /** **U: yes** **rapporteur:** AXERUD, Bo **NOKIA TELECOMMUNICATIONS FINLAND**  
R99 **G:** **MCC:** BOSWARTHICK, David  
*freeze\_meeting:* SP-04  
*remarks - general:* *remarks - this release:*

## *history (event, available, version, comments, hyperlink):*

Table of Contents 1997-11-15 0 . 1 . 1

and Scope

First complete 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** **Circuit switched multimedia telephony** **N1 / -** **WG (prime /** **U: yes** **rapporteur:** FARHOUJMAND, Rouzbeh **Ericsson Incorporated** R99 **G:** **MCC:** JURISIC, Andrijana *freeze\_meeting:* SP-07 *remarks - general:* New after TSG#5. Minor title change TSG#7.

*remarks - general:* New after TSG#5. Minor title change TSG#7.

## *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

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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

WG (prime /

MOTOROLA A/S

ANDERSEN, Niels

rapporteur:

N1 / -

G: yes U: yes

current version: 3.1.1  
freeze\_meeting: SP-07

Peter Skov  
JURISIC, Andrijana

MCC:

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

NP-07 2000-03-17 3 . 0 . 0

NP-10 2001-01-02 3 . 1 . 0

correction of typo 2003-06-02 3 . 1 . 1

on cover page

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## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

current version: 3.10.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4, CR at TSG#5

WG (prime /

MOTOROLA Ltd

HOWELL, Andrew

rapporteur:

N1 / -

G: yes U: yes

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

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G = required in systems with GERAN access; U = required in systems with UMTS



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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 /  
G: yes U: yes

N1 / - rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana  
MOTOROLA Ltd

remarks - this  
release:

### history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	0	. 0	. 0	<a href="#">get it</a>
NP-04	1999-06-23	3	. 0	. 0	<a href="#">get it</a>
NP-05	1999-10-13	3	. 1	. 0	<a href="#">get it</a>
NP-06	1999-12-27	3	. 2	. 0	<a href="#">get it</a>
editorial correction	2000-01-04	3	. 2	. 1	<a href="#">get it</a>
NP-07	2000-03-15	3	. 3	. 0	<a href="#">get it</a>
edito	2000-04-25	3	. 3	. 1	<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	2000-10-06	3	. 5	. 0	<a href="#">get it</a>
NP-10	2001-01-03	3	. 6	. 0	<a href="#">get it</a>
NP-11	2001-04-06	3	. 7	. 0	<a href="#">get it</a>
edito	2001-07-06	3	. 7	. 1	<a href="#">get it</a>
NP-12	2001-07-13	3	. 8	. 0	<a href="#">get it</a>
NP-13	2001-10-03	3	. 9	. 0	<a href="#">get it</a>
NP-14	2002-01-11	3	. 10	. 0	<a href="#">get it</a>
NP-15	2002-03-22	3	. 11	. 0	<a href="#">get it</a>
NP-16	2002-06-24	3	. 12	. 0	<a href="#">get it</a>
NP-17	2002-09-17	3	. 13	. 0	<a href="#">get it</a>
NP-18	2003-01-02	3	. 14	. 0	<a href="#">get it</a>
NP-19	2003-03-24	3	. 15	. 0	<a href="#">get it</a>
NP-20	2003-06-27	3	. 16	. 0	<a href="#">get it</a>
NP-21	2003-10-10	3	. 17	. 0	<a href="#">get it</a>
NP-23	2004-03-22	3	. 18	. 0	<a href="#">get it</a>
NP-24	2004-06-15	3	. 19	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99  
current version: 3.2.0  
freeze\_meeting: SP-03

WG (prime) / N4 / - rapporteur: ANDERSEN, Niels  
MOTOROLA A/S

G: yes U: yes

MCC: KYMALAINEN, Kimmo

remarks - general:

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
NP-14	2002-01-10	3	2	0

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[get it](#)  
[get it](#)

## 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

WG (prime) / N1 / T2 rapporteur: ANDERSEN, Niels  
MOTOROLA A/S

G: yes U: yes

MCC: JURISIC, Andrijana

remarks - general: Transfer>TSG#4

remarks - this release:

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

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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  
*current version:* 3.5.0  
*freeze\_meeting:* SP-03  
*WG (prime / 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-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  
*current version:* 3.3.0  
*freeze\_meeting:* SP-08  
*remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.

*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>

N3 / -  
*rapporteur:* KLEHN, Norbert  
*MCC:* SIEMENS AG  
*remarks - this release:* HAN, Seung Don

N4 / -  
*rapporteur:* GARAPATY, Sonia  
*MCC:* KYMALAINEN, Kimmo  
*remarks - this release:* TSG#7: Decision to create. Nortel Networks (USA)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R99 WG (prime) /  
G: yes U: yes

N4 / - rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo

SIEMENS AG

freeze\_meeting: SP-03

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0 [get it](#)  
NP-10 2000-12-21 3 . 1 . 0 [get it](#)  
NP-12 2001-06-27 3 . 2 . 0 [get it](#)

## TS 24.072 Call Deflection Supplementary Service; Stage 3

R99 WG (prime) /  
G: yes U: yes

Gesellschaft f, r Kommunikations Software

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

N4 / - rapporteur:  
MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

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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 /

G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

KYMALAINEN, Kimmo

Gesellschaft f, r 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

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## TS 24.081 Line Identification Supplementary Service; Stage 3

WG (prime /

G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich

KYMALAINEN, Kimmo

Gesellschaft f, r 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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 24.082 Call Forwarding supplementary service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime /  
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

[get it](#)

## 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 /  
G: yes U: yes

N4 / -

rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - this  
release:

history (event, available, version, comments, hyperlink):

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

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

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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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 24.087 User-to-User Signalling (UUS); Stage 3

R99  
current version: 3.0.0  
freeze\_meeting: SP-03

remarks - general:

WG (prime /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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

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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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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 /  
G: yes U: yes

N4 / -

rapporteur: BRUSS, J, rg  
MCC: KYMALAINEN, Kimmo

ERICSSON Eurolab Deutschland GmbH

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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



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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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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 /  
G: yes U: yes

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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 /  
G: U: yes

N4 / -

rapporteur: MITAMURA, Kazuo  
MCC: KYMALAINEN, Kimmo

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

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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)

R99 current version: 3.17.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / 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 1999-02-04 0 . 0 . 0  
and Scope

RP-03	1999-04-23	1	. 0 . 0	<a href="#">get it</a>
RP-04	1999-06-23	2	. 0 . 0	<a href="#">get it</a>
RP-05	1999-10-13	3	. 0 . 0	<a href="#">get it</a>
RP-06	1999-12-17	3	. 1 . 0	<a href="#">get it</a>
RP-07	2000-03-15	3	. 2 . 0	<a href="#">get it</a>
Editorial	2000-03-15	3	. 2 . 1	<a href="#">get it</a>
Editorial	2000-04-25	3	. 2 . 2	<a href="#">get it</a>
RP-08	2000-06-23	3	. 3 . 0	<a href="#">get it</a>
edito	2000-07-31	3	. 3 . 1	<a href="#">get it</a>
RP-09	2000-10-13	3	. 4 . 0	<a href="#">get it</a>
edito	2000-11-10	3	. 4 . 1	<a href="#">get it</a>
RP-10	2001-01-02	3	. 5 . 0	<a href="#">get it</a>
RP-11	2001-04-05	3	. 6 . 0	<a href="#">get it</a>
RP-12	2001-06-29	3	. 7 . 0	<a href="#">get it</a>
RP-13	2001-10-03	3	. 8 . 0	<a href="#">get it</a>
RP-14	2002-01-14	3	. 9 . 0	<a href="#">get it</a>
RP-15	2002-03-29	3	. 10 . 0	<a href="#">get it</a>
RP-16	2002-07-01	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	2003-06-27	3	. 14 . 0	<a href="#">get it</a>
RP-21	2003-10-10	3	. 15 . 0	<a href="#">get it</a>
RP-22	2004-01-20	3	. 16 . 0	<a href="#">get it</a>
RP-23	2004-04-01	3	. 17 . 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime) / R4 / -

G: U: yes

rapporteur: KOTTKAMP, Meik

MCC: SIEMENS AG

remarks - this

release:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete	1999-03-04	1	. 0 . 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	2000-10-18	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	2002-01-14	3	. 9 . 0
RP-15	2002-03-29	3	. 10 . 0
RP-16	2002-07-01	3	. 11 . 0
RP-17	2002-10-02	3	. 12 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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) / R4 / -  
G: U: yes  
remarks - this  
release:

rapporteur: SK÷LD, Johan  
MCC: GUTIERREZ MIGUELEZ, Cesar  
Telefon AB LM Ericsson

### 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 2 . 0 . 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 2000-10-13 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 2002-01-14 3 . 9 . 0  
RP-15 2002-03-29 3 . 10 . 0  
RP-18 2003-01-10 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

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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

WG (prime) / U: yes  
G: KOTTKAMP, Meik  
SIEMENS AG

R4 / -

rapporteur: GUTIERREZ MIGUELEZ, Cesar  
MCC:

remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

event	available	version	comments	hyperlink
First complete	1999-03-04	0 . 0 . 0		
RP-03	1999-04-23	1 . 0 . 0		<a href="#">get it</a>
RP-04	1999-06-23	1 . 1 . 0		<a href="#">get it</a>
RP-05	1999-10-13	3 . 0 . 0		<a href="#">get it</a>
RP-06	1999-12-17	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	2000-10-11	3 . 4 . 0		<a href="#">get it</a>
RP-10	2000-12-22	3 . 5 . 0		<a href="#">get it</a>
RP-11	2001-04-05	3 . 6 . 0		<a href="#">get it</a>
RP-12	2001-06-29	3 . 7 . 0		<a href="#">get it</a>
RP-13	2001-10-03	3 . 8 . 0		<a href="#">get it</a>
RP-14	2002-01-16	3 . 9 . 0		<a href="#">get it</a>
RP-15	2002-03-29	3 . 10 . 0		<a href="#">get it</a>
RP-16	2002-07-01	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

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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

remarks - general:

R4 / - DTI - Department of Trade and Industry

WG (prime /

G: U: yes

rapporteur: BARNES, David

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

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

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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)  
R99 current version: 3.14.0  
freeze\_meeting: SP-06  
WG (prime / U: yes  
G: U: yes  
R4 / - remarks - this release:  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

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
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

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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 / U: yes  
G: U: yes  
R4 / - remarks - this release:  
rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

## 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>

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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 /

G: U: yes

R4 / -

remarks - this  
release:

rapporteur: NAKAMURA, Takaharu Fujitsu Limited

MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 1

and Scope

First complete	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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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)

current version: 3.13.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / U: yes) / - R4 / -  
G: MEYER, Juergen / SIEMENS AG  
rapporteur: GUTIERREZ MIGUELEZ, Cesar  
MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	0	.	0	.	0	.	1		<a href="#">get it</a>
RP-05	1999-10-13	2	.	0	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	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>
edito	2000-07-31	3	.	2	.	1	.	0		<a href="#">get it</a>
RP-09	2000-10-11	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	2001-04-05	3	.	5	.	0	.	0		<a href="#">get it</a>
RP-12	2001-06-29	3	.	6	.	0	.	0		<a href="#">get it</a>
RP-13	2001-10-03	3	.	7	.	0	.	0		<a href="#">get it</a>
RP-14	2002-01-16	3	.	8	.	0	.	0		<a href="#">get it</a>
RP-15	2002-03-29	3	.	9	.	0	.	0		<a href="#">get it</a>
RP-16	2002-07-04	3	.	10	.	0	.	0		<a href="#">get it</a>
RP-17	2002-10-04	3	.	11	.	0	.	0		<a href="#">get it</a>
RP-18	2003-01-10	3	.	12	.	0	.	0		<a href="#">get it</a>
RP-19	2003-04-04	3	.	13	.	0	.	0		<a href="#">get it</a>

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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

R99 current version: 3.4.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / U: yes

R1 / -

remarks - this release:

GERSTENBERGER, Telefon AB LM Ericsson

ISHII, Yoshikazu

rappporteur:

MCC:

history (event, available, version, comments, hyperlink):

Table of Contents 1998-10-16 0 . 0 . 0

and Scope

First complete	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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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 / R1 / -  
G: U: yes

rapporteur: PARKVALL, Stefan  
Ericsson AB  
ISHII, Yoshikazu

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete	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-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-16	2002-06-28	3	.	11	.	0
RP-17	2002-09-27	3	.	12	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

current version: 3.11.0

freeze\_meeting: SP-05

remarks - general:

WG (prime /

G: U: yes

R1 / -

rapporteur: MICHEL, J\_rgen

MCC: ISHII, Yoshikazu

SIEMENS AG

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

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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 / 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	.	0
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-10	2000-12-22	3	.	4	.	0	.	0
RP-11	2001-04-05	3	.	5	.	0	.	0
RP-12	2001-06-28	3	.	6	.	0	.	0
RP-14	2002-01-09	3	.	7	.	0	.	0
RP-16	2002-06-28	3	.	8	.	0	.	0
RP-22	2004-01-14	3	.	9	.	0	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R1 / - rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)

G: U: yes ISHII, Yoshikazu

MCC:

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	<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	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>
RP-19	2003-04-04	3	.	12	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes) 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	<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	2000-10-18	3	4	0	<a href="#">get it</a>
RP-10	2000-12-22	3	5	0	<a href="#">get it</a>
RP-11	2001-04-05	3	6	0	<a href="#">get it</a>
RP-12	2001-06-28	3	7	0	<a href="#">get it</a>
RP-13	2001-10-08	3	8	0	<a href="#">get it</a>
RP-14	2002-01-09	3	9	0	<a href="#">get it</a>
RP-15	2002-03-29	3	10	0	<a href="#">get it</a>
RP-17	2002-09-27	3	11	0	<a href="#">get it</a>
RP-20	2003-06-27	3	12	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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)

R99  
current version: 3.11.0  
freeze\_meeting: SP-05

WG (prime / R1 / -  
G: U: yes  
remarks - this release:

rapporporteur: CHAPMAN, Thomas  
MCC: ISHII, Yoshikazu  
SIEMENS AG

### 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

# 3GPP specification status

## TS 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.10.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / R1 / - rapporteur: BEALE, Martin

G: U: yes MCC: ISHII, Yoshikazu

IPWireless Inc.

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	1999-12-12	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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# 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 / 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	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

# 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 /

G: U: yes

R1 / - RUDOLF, Marian  
ISHII, Yoshikazu

rapporteur:  
MCC:

INTERDIGITAL COMMUNICATIONS  
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-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
RP-18	2003-01-07	3	12	0	0
RP-21	2003-09-29	3	13	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 /

G: U: yes

R1 / -

rapporteur: CZAPLA, Liliana

ISHII, Yoshikazu

MCC:

INTERDIGITAL COMMUNICATIONS

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	<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	2000-10-18	3	4	0	<a href="#">get it</a>
RP-10	2000-12-22	3	5	0	<a href="#">get it</a>
RP-11	2001-04-05	3	6	0	<a href="#">get it</a>
RP-12	2001-06-28	3	7	0	<a href="#">get it</a>
RP-13	2001-10-08	3	8	0	<a href="#">get it</a>
RP-14	2002-01-09	3	9	0	<a href="#">get it</a>
RP-16	2002-06-28	3	10	0	<a href="#">get it</a>
RP-17	2002-09-27	3	11	0	<a href="#">get it</a>
RP-20	2003-06-27	3	12	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

R2 / -

WG (prime /  
G: U: yes

rapporteur: EKEMARK, Sven  
MCC: ARZELIER, Claude  
remarks - this  
release:

Telefon AB LM Ericsson

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
First complete	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

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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

R99 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 / R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes 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	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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G = required in systems with GERAN acces; U = required in systems with UMTS

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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

WG (prime / U: yes

G: MIKOLA, Juha

R2 / -

rapporteur: NOKIA Corporation

MCC: ARZELIER, Claude

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete	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



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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 / R2 / -

rapporteur: BARRETO, Luis  
ARZELIER, Claude

MCC: NOKIA Corporation

G: U: yes

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

Start of work	1999-01-15	0	. 1	. 1	<a href="#">get it</a>
RP-03	1999-04-23	1	. 0	. 0	<a href="#">get it</a>
RP-04	1999-06-23	1	. 2	. 0	<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	2000-10-16	3	. 4	. 0	<a href="#">get it</a>
RP-10	2000-12-22	3	. 5	. 0	<a href="#">get it</a>
RP-11	2001-03-27	3	. 6	. 0	<a href="#">get it</a>
RP-12	2001-06-27	3	. 7	. 0	<a href="#">get it</a>
RP-13	2001-10-02	3	. 8	. 0	<a href="#">get it</a>
RP-14	2002-01-04	3	. 9	. 0	<a href="#">get it</a>
RP-15	2002-03-19	3	. 10	. 0	<a href="#">get it</a>
RP-16	2002-06-17	3	. 11	. 0	<a href="#">get it</a>
RP-18	2003-01-08	3	. 12	. 0	<a href="#">get it</a>
RP-20	2003-06-25	3	. 13	. 0	<a href="#">get it</a>
RP-23	2004-03-24	3	. 14	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
R99

User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

WG (prime) / R2 / -

freeze\_meeting: RP-07

G: U: yes

MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

ARZELIER, Claude

rapporteur:

MCC:

remarks - general: Created from 25.923

remarks - this  
release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	1	4	0	<a href="#">get it</a>
RP-06	1999-12-17	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	2000-10-16	3	3	0	<a href="#">get it</a>
RP-10	2000-12-22	3	4	0	<a href="#">get it</a>
RP-11	2001-03-27	3	5	0	<a href="#">get it</a>
RP-12	2001-06-19	3	6	0	<a href="#">get it</a>
RP-14	2002-01-04	3	7	0	<a href="#">get it</a>
RP-15	2002-03-19	3	8	0	<a href="#">get it</a>
RP-20	2003-06-20	3	9	0	<a href="#">get it</a>
RP-21	2003-10-02	3	10	0	<a href="#">get it</a>
RP-22	2004-01-12	3	11	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 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

remarks - general: Converted from TR 25.926 at TSG#10.

WG (prime / R2 / - rapporteur: BERGGREN, Anders Ericsson Incorporated

G: U: yes ARZELIER, Claude

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

remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

WG (prime / R2 / R4 rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

G: U: yes ARZELIER, Claude

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>
					debate!
RP-13	2001-10-02	3	0	0	<a href="#">get it</a>
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>

RP-12 2001-06-27 2 . 0 . 0 RP-010326, to be approved RP-13.  
RP-13 2001-10-01 2 . 1 . 0 RP-010557, but not for approval? -  
debate!

RP-13 2001-10-02 3 . 0 . 0 Was approved after all!

G = required in systems with GERAN access; U = required in systems with UMTS

**TS 25.321 Medium Access Control (MAC) protocol specification**

current version: 3.17.0

freeze\_meeting: TP-04

remarks - general:

WG (prime/):  
G: U: yes  
R2 / - :  
rapporteur: STADLER, Thomas  
MCC: ARZELIER, Claude  
SIEMENS AG  
remarks - this release:*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	0	0	0
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

current version: 3.18.0

freeze\_meeting: SP-05

PHILIPS CONSUMER COMMUNICATION

rapporteur: MADELAINE,  
ARZELIER, Claude

R2 / -  
remarks - this  
release:

WG (prime) /  
G: U: yes

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	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	2000-10-16	3	. 4 . 0
RP-10	2000-12-20	3	. 5 . 0
RP-11	2001-03-27	3	. 6 . 0
RP-12	2001-06-19	3	. 7 . 0
RP-13	2001-10-03	3	. 8 . 0
RP-14	2002-01-04	3	. 9 . 0
RP-15	2002-03-19	3	. 10 . 0
RP-16	2002-06-17	3	. 11 . 0
RP-17	2002-09-19	3	. 12 . 0
RP-18	2003-01-10	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-24	2004-06-17	3	. 18 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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:

R2 / - INFINEON TECHNOLOGIES

WG (prime / U: yes  
G: HANS, Martin  
ARZELIER, Claude

rapporteur:  
MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	0	1	0	<a href="#">get it</a>
RP-06	1999-12-17	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	2000-10-06	3	3	0	<a href="#">get it</a>
RP-11	2001-03-27	3	4	0	<a href="#">get it</a>
RP-12	2001-06-19	3	5	0	<a href="#">get it</a>
RP-13	2001-10-02	3	6	0	<a href="#">get it</a>
RP-14	2002-01-04	3	7	0	<a href="#">get it</a>
RP-15	2002-03-19	3	8	0	<a href="#">get it</a>
RP-16	2002-06-17	3	9	0	<a href="#">get it</a>
RP-17	2002-09-18	3	10	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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: 3.8.0

freeze\_meeting: SP-06

remarks - general:

Vodafone D2 GmbH

rapporteur: HARTL, Mike  
MCC: ARZELIER, Claude

R2 / -  
remarks - this  
release:

WG (prime) /  
G: U: yes

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

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 3.20.0  
freeze\_meeting: SP-05

WG (prime / U: yes

R2 / -  
remarks - this  
release:

rapporteur: KUCHIBHOTLA, Ravi  
MCC: ARZELIER, Claude

MOTOROLA Ltd

remarks - general:

history (event, available, version, comments, hyperlink):

Table of Contents 1999-02-04 0 . 0 . 0 . 0

and Scope

First complete	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

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G = required in systems with GERAN access; U = required in systems with UMTS



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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 / R3 / - rapporteur: GODIN, Philippe NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

Table of Contents	1999-02-04	0	0	0	0
and Scope					
First complete	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

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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 / R3 / - rapporteur: KUNZ, Walter SIEMENS AG

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-05	1999-10-13	0	0	1	<a href="#">get it</a>
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

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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 / U: yes) R3 / - rapporteur: DIESEN, Michael MOTOROLA Ltd

G: MCC: CALDENHOVEN, Juergen

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

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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

current version: 3.5.0

freeze\_meeting: SP-04

remarks - general:

WG (prime /  
G: U: yes

R3 / - 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	0
TB adoption of WI 1999-01-15 0 0 0 0					
Creation of WI by 1999-01-15 0 0 0 0					
WG/TB					
RP-04	1999-06-23	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-11	2001-04-06	3	4	0	0
RP-12	2001-07-06	3	5	0	0

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## TS 25.412 UTRAN lu interface signalling transport

current version: 3.6.0

freeze\_meeting: SP-04

remarks - general:

WG (prime /  
G: U: yes

R3 / - rapporteur: NG, Cheng Hock  
MCC: CALDENHOVEN, Juergen  
NEC Corporation

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	3	0	0	0
RP-05	1999-10-13	3	1	0	0
RP-06	1999-12-17	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

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G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

TS 25.413 UTRAN lu interface Radio Access Network Application Part (RANAP) signalling  
R99 WG (prime / U: yes  
freeze\_meeting: SP-06 G:

R3 / - rapporteur: GUYOT, Olivier NOKIA Corporation  
MCC: CALDENHOVEN, Juergen  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-02-04	0	. 0	. 0	<a href="#">get it</a>
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	. 1	<a href="#">get it</a>
RP-06	1999-12-17	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>
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	2002-01-14	3	. 8	. 0	<a href="#">get it</a>
RP-15	2002-04-02	3	. 9	. 0	<a href="#">get it</a>
RP-16	2002-07-05	3	. 10	. 0	<a href="#">get it</a>
RP-17	2002-09-30	3	. 11	. 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	<a href="#">get it</a>
RP-20	2003-06-17	3	. 13	. 0	<a href="#">get it</a>
RP-21	2003-09-30	3	. 14	. 0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson  
G: U: yes MCC: CALDENHOVEN, Juergen  
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

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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 Iu interface user plane protocols

R99 current version: 3.12.0

freeze\_meeting: SP-05

remarks - general:

WG (prime / 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		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0				<a href="#">get it</a>
RP-04	1999-06-23	0	.	1	.	3				<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0				<a href="#">get it</a>
RP-06	1999-12-17	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	2002-01-14	3	.	9	.	0				<a href="#">get it</a>
RP-15	2002-03-25	3	.	10	.	0				<a href="#">get it</a>
RP-16	2002-06-28	3	.	11	.	0				<a href="#">get it</a>
RP-17	2002-09-26	3	.	12	.	0				<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

R3 / - rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc  
MCC: CALDENHOVEN, Juergen

remarks - general:  
remarks - this release:

### 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



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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 / R3 / - rapporteur: PALAT, Sudeep  
G: U: yes 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

## TS 25.421 UTRAN Iur interface Layer 1

R99  
current version: 3.1.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / R3 / - rapporteur: KUNZ, Walter  
G: U: yes 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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R3 / - rapporteur: PALAT, Sudeep

G: U: yes 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	.	1
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

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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

R99 WG (prime) / R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson

freeze\_meeting: SP-06

G: U: yes

MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-03-19	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	.	1	.	1	.	1	<a href="#">get it</a>
RP-05	1999-10-13	1	.	4	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	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	2001-01-02	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	2002-01-11	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>
RP-18	2003-01-03	3	.	12	.	0	.	0	<a href="#">get it</a>
RP-19	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	.	ASN.1 editorials	<a href="#">get it</a>
post RP-24 edito	2004-07-22	3	.	14	.	2	.	Correction of typo in history box.	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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) /

G: U: yes

current version: 3.9.0

freeze\_meeting: SP-04

TS 25.424

R99

rapporteur: DREVON, Nicolas

MCC: CALDENHOVEN, Juergen

R3 / -

remarks - this release:

ALCATEL S.A.

### history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	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	3	.	0	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	.	0	<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0	.	0	<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0	.	0	<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-11	3	.	7	.	0	.	0	<a href="#">get it</a>
RP-15	2002-04-02	3	.	8	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	9	.	0	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this release:

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

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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

R99  
current version: 3.9.0  
freeze\_meeting: SP-04

R3 / -  
rapporteur: KEKKI, Sami  
MCC: CALDENHOVEN, Juergen  
NOKIA Corporation

G: U: yes

remarks - general:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	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	3	.	0	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	7	.	0	.	0		<a href="#">get it</a>
RP-15	2002-04-04	3	.	8	.	0	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	9	.	0	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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) /  
G: U: yes

rapporteur: HAKULI, Tuomas  
MCC: CALDENHOVEN, Juergen

R3 / -

remarks - general:  
freeze\_meeting: SP-05  
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

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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 / R3 / - rapporteur: KOIZUMI, Yoshiko Fujitsu Limited  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0
RP-04	1999-06-23	0	.	1	.	2
RP-05	1999-10-13	2	.	0	.	0
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	2000-10-05	3	.	3	.	0
RP-10	2000-12-21	3	.	4	.	0
RP-11	2001-04-06	3	.	5	.	0
RP-12	2001-07-06	3	.	6	.	0
RP-14	2002-01-11	3	.	7	.	0
RP-16	2002-06-28	3	.	8	.	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 / R3 / - rapporteur: KUNZ, Walter SIEMENS AG  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this release:

history (event, available, version, comments, hyperlink):

Creation of WI by	1999-01-15	0	.	0	.	0
WG/TB						
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



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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 / R3 / - rapporteur: KOIZUMI, Yoshiko Fujitsu Limited  
G: U: yes MCC: CALDENHOVEN, Juergen  
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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G = required in systems with GERAN acces; U = required in systems with UMTS

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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

WG (prime / U: yes

G: U: yes

R3 / -

rapporteur: SEHEDIC, Yann

MCC: CALDENHOVEN, Juergen

Nortel Networks Germany GmbH & Co. KG

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	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	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	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>
edito	2001-02-01	3	.	4	.	1	.	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	2002-01-11	3	.	8	.	0	.	0	<a href="#">get it</a>
RP-15	2002-04-04	3	.	9	.	0	.	0	<a href="#">get it</a>
RP-16	2002-07-19	3	.	10	.	0	.	0	<a href="#">get it</a>
RP-17	2002-09-30	3	.	11	.	0	.	0	<a href="#">get it</a>
RP-18	2003-01-03	3	.	12	.	0	.	0	<a href="#">get it</a>
RP-19	2003-03-31	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	.	ASN.1 editorials	<a href="#">get it</a>
post:RP-25	2004-09-24	3	.	14	.	2	.	ASN.1 editorials	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 current version: 3.8.0

freeze\_meeting: SP-04

WG (prime/

G: U: yes

R3 / - rapporteur: LAVASANI, Shahab TeliSonera.AB

MCC: CALDENHOVEN, Juergen

remarks - this release:

### 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

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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

current version: 3.11.0  
freeze\_meeting: SP-05

WG (prime /  
G: U: yes

rapporteur: STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)

MCC: CALDENHOVEN, Juergen

R3 / -

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

## TS 25.442 UTRAN implementation-specific O&M transport

current version: 3.1.0  
freeze\_meeting: SP-05

WG (prime /

G: U: yes

R3 / -

remarks - this  
release:

rapporteur: HAUSER, Alexander Indicate persons who left Company and wait for new  
MCC: CALDENHOVEN, Juergen One

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.0.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / R3 / - rapporteur: TOWNEND, Richard mm02 plc  
G: U: yes CALDENHOVEN, Juergen  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

First complete 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

current version: 3.0.0  
freeze\_meeting: SP-06

remarks - general: Created Jan 2000 (aka R1.03)

WG (prime / R1 / - rapporteur: IKEDA, Shinobu NEC Corporation  
G: U: yes ISHII, Yoshikazu  
MCC:  
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

[get it](#)  
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## TR 25.853 Delay budget within the access stratum

current version: 3.1.0  
freeze\_meeting: RP-11

remarks - general: Was 25.932. Approved and renumbered at TSG#10.

WG (prime / R3 / - rapporteur: VON BRANDT, Armin SIEMENS AG  
G: U: yes CALDENHOVEN, Juergen  
MCC:  
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

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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

remarks - general:

WG (prime) /  
G: U: yes

R2 / - rapporteur: BARRETO, Luis  
MCC: ARZELIER, Claude

NOKIA Corporation

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-05	1999-10-13	1	3	0	0
RP-06	1999-12-12	3	0	0	0
RP-07	2000-03-15	3	1	0	0
RP-10	2000-12-20	3	2	0	0
RP-11	2001-03-27	3	3	0	0
RP-12	2001-06-19	3	4	0	0
RP-13	2001-10-02	3	5	0	0
RP-14	2002-01-04	3	6	0	0
RP-15	2002-03-19	3	7	0	0
RP-18	2003-01-13	3	8	0	0
RP-21	2003-10-02	3	9	0	0
RP-23	2004-03-26	3	10	0	0
RP-24	2004-06-17	3	11	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / R2 / - rapporteur: HUS, Olivier  
G: U: yes MCC: ARZELIER, Claude  
Philips Research Laboratories  
remarks - this release:

### history (event, available, version, comments, hyperlink):

First complete	1999-03-04	0	.	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	1	.	1		<a href="#">get it</a>
RP-04	1999-06-23	0	.	2	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	0	.	5	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	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	2000-10-16	3	.	3	.	0	.	0		<a href="#">get it</a>
RP-10	2000-12-20	3	.	4	.	0	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	5	.	0	.	0		<a href="#">get it</a>
RP-13	2001-10-02	3	.	6	.	0	.	0		<a href="#">get it</a>
RP-15	2002-03-19	3	.	7	.	0	.	0		<a href="#">get it</a>
RP-23	2004-03-24	3	.	8	.	0	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 current version: 3.4.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / U: yes

G: KRISCHAN, Peter

R2 / -

rapporteur: ARZELIER, Claude

MCC: Vodafone D2 GmbH

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete	1999-03-04	0	.	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	.			

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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 / 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 / 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

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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

current version: 3.3.0

freeze\_meeting: SP-11

remarks - general: Additional rapporteur = A.De Pasquale.

WG (prime / U: yes) R4 / - rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V

G: MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	0	0	2
RP-04	1999-06-23	1	0	0	0
RP-05	1999-10-13	2	0	0	0
RP-06	1999-12-12	2	1	1	1
RP-07	2000-03-15	2	1	3	3
RP-09	2000-10-26	2	3	0	0
RP-11	2001-04-10	3	0	0	0
RP-12	2001-07-03	3	1	0	0
RP-14	2002-01-14	3	2	0	0
RP-16	2002-07-03	3	3	0	0

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## TR 25.944

### Channel coding and multiplexing examples

current version: 3.5.0

freeze\_meeting: SP-07

remarks - general: Created Jan 2000 (aka R1.04)

WG (prime / U: yes) R1 / - rapporteur: IKEDA, Shinobu NEC Corporation

G: MCC: ISHII, Yoshikazu

remarks - this release:

history (event, available, version, comments, hyperlink):

editor's draft	1999-11-25	0	0	1	1
R1-09	1999-12-15	1	0	0	0
RP-07	2000-03-16	3	0	0	0
RP-08	2000-06-23	3	1	0	0
RP-09	2000-10-18	3	2	0	0
RP-10	2000-12-22	3	3	0	0
RP-11	2001-04-06	3	4	0	0
edito	2001-04-10	3	4	1	1
RP-12	2001-06-28	3	5	0	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

R99 WG (prime) / R2 / rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

freeze\_meeting: SP-06

G: U: yes

MCC:

remarks - this release: Pointer to latest release version.

history (event, available, version, comments, hyperlink):

0	.	0	.	0	.	0
RP-18	2003-01-13	3	.	0	.	0
RP-22	2004-01-12	3	.	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 AMR speech Codec; General description

R99 current version: 3.0.1

freeze\_meeting: SP-04

remarks - general: Transfer>TSG#4

WG (prime) /

G: yes U: yes

S4 / -

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.3.0  
freeze\_meeting: SP-06

remarks - general:

WG (prime / S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes USAI, Paolino  
Telefon AB LM Ericsson  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-04	1999-06-23	0	1	0	<a href="#">get it</a>
SP-03	1999-04-23	0	1	0	<a href="#">get it</a>
SP-05	1999-10-13	1	0	0	<a href="#">get it</a>
SP-06	1999-12-17	3	0	0	<a href="#">get it</a>
SP-07	2000-03-15	3	1	0	<a href="#">get it</a>
SP-11	2001-04-10	3	2	0	<a href="#">get it</a>
SP-14	2002-01-09	3	3	0	<a href="#">get it</a>

## TS 26.074 AMR speech Codec; Test sequences

current version: 3.1.1  
freeze\_meeting: SP-06

remarks - general: Transfer>TSG#4

WG (prime / S4 / - rapporteur: EKUDDEN, Erik  
G: yes U: yes USAI, Paolino  
Telefon AB LM Ericsson  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	0	0	0	<a href="#">get it</a>
SP-04	1999-06-23	1	0	0	<a href="#">get it</a>
SP-05	1999-10-13	2	0	0	<a href="#">get it</a>
SP-06	1999-12-17	3	0	0	<a href="#">get it</a>
Test sequences available	2000-02-02	3	0	1	<a href="#">get it</a>
Test sequences corrected	2000-09-14	3	0	2	<a href="#">get it</a>
SP-11	2001-04-10	3	1	0	<a href="#">get it</a>
corrected test	2001-07-04	3	1	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: yes U: yes

rapporporteur: EKUDDEN, Erik

MCC: USAI, Paolino

S4 / -

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 /

G: yes U: yes

rapporporteur: EKUDDEN, Erik

MCC: USAI, Paolino

S4 / -

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 /

G: yes U: yes

rapporporteur: EKUDDEN, Erik

MCC: USAI, Paolino

S4 / -

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

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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

current version: 3.3.0

freeze\_meeting: SP-04

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S4 / - 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

current version: 3.0.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime /  
G: yes U: yes

S4 / - rapporteur: USAI, Paolino

USAI, Paolino

remarks - this  
release:

TELECOM ITALIA S.p.A.

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

# 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 26.101

R99

**Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**

WG (prime): S4 / -

freeze\_meeting: SP-06

G: U: yes

rapporteur: HAGQVIST, Jari

MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

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**

WG (prime): S4 / -

freeze\_meeting: SP-06

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-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

# 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 26.103 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 / S4 / - rapporteur: HELLMIG, Karl  
G: yes U: yes USAI, Paolino  
Telefon AB LM Ericsson  
MCC:  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 3 . 0 . 0 [get it](#)  
SP-14 2002-01-09 3 . 1 . 0 [get it](#)  
SP-16 2002-06-28 3 . 2 . 0 [get it](#)

## 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 / S4 / - rapporteur: USAI, Paolino  
G: yes U: yes USAI, Paolino  
TELECOM ITALIA S.p.A.  
MCC:  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

SP-06 1999-12-17 0 . 1 . 0 [get it](#)  
SP-07 2000-03-15 0 . 3 . 0 SP-000022 [get it](#)  
SP-08 2000-06-28 3 . 0 . 0 [get it](#)  
SP-10 2000-12-21 3 . 1 . 0 [get it](#)  
SP-12 2001-06-27 3 . 2 . 0 [get it](#)  
bug fix 2001-06-29 3 . 2 . 1 [get it](#)  
SP-13 2001-10-02 3 . 3 . 0 [get it](#)  
SP-15 2002-03-28 3 . 4 . 0 [get it](#)  
SP-19 2003-04-04 3 . 5 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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

WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-04

S4 / - rapporteur: ARONSON, Barry  
MCC: USAI, Paolino  
TOSHIBA CO

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

WG (prime /  
G: yes U: yes  
freeze\_meeting: SP-04

S4 / - rapporteur: ARONSON, Barry  
MCC: USAI, Paolino  
TOSHIBA CO

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

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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

remarks - general:

WG (prime / S4 / -

U: yes

rappporteur: GOETZ, Ian  
MCC: USAI, Paolino

TELLABS OPERATIONS INC.  
remarks - this release:

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

remarks - general:

WG (prime / S4 / -

U: yes

rappporteur: GOETZ, Ian  
MCC: USAI, Paolino

TELLABS OPERATIONS INC.  
remarks - this release:

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

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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

R99 WG (prime) / S4 / - rapporteur: HAAVISTO, Petri Nokia Research Center

freeze\_meeting: SP-04

G: yes U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-26 1 . 0 . 0 [get it](#)

SP-04 1999-06-23 3 . 0 . 0 [get it](#)

SP-05 1999-10-13 3 . 0 . 2 [get it](#)

decision to revise 1999-10-30 3 . 1 . 0 [get it](#)

version number

SP-06 1999-12-17 3 . 2 . 0 [get it](#)

edito 2000-10-10 3 . 2 . 1 [get it](#)

SP-10 2000-12-21 3 . 3 . 0 [get it](#)

SP-19 2003-04-04 3 . 4 . 0 [get it](#)

## TR 26.912

R99 WG (prime) / S4 / - rapporteur: FRANCESCHI, Olle Nippon Ericsson K.K.

freeze\_meeting: SP-07

G: U: yes

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-26 0 . 0 . 1 [get it](#)

SP-04 1999-06-23 1 . 0 . 0 [get it](#)

SP-07 2000-03-15 3 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: U: yes

S4 / -

rappporteur: GOETZ, Ian  
USAI, Paolino  
MCC:

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 /

G: yes U: yes

S4 / -

rappporteur: EKJUDEN, Erik  
USAI, Paolino  
MCC:

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

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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)

R99 WG (prime) /  
freeze\_meeting: SP-03 G: yes U: yes

N3 / - rapporteur: HUSLENDE, Ragnar  
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	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

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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 N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
freeze\_meeting: SP-03 G: yes U: yes MCC: HAN, Seung Don

remarks - general:

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-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 N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
freeze\_meeting: SP-03 G: yes U: yes MCC: HAN, Seung Don

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

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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 (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 / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
G: yes U: yes MCC: RODERMUND, Friedhelm  
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 / T2 / - rapporteur: VOTE, Nicola NTT DoCoMo Inc.  
G: yes U: yes MCC: RODERMUND, Friedhelm  
remarks - this release:

WG (prime / T2 / - rapporteur: VOTE, Nicola NTT DoCoMo Inc.  
G: yes U: yes MCC: RODERMUND, Friedhelm  
remarks - this release:

WG (prime / T2 / - rapporteur: VOTE, Nicola NTT DoCoMo Inc.  
G: yes U: yes MCC: RODERMUND, Friedhelm  
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

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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 /

freeze\_meeting: SP-04

T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	0	0	<a href="#">get it</a>
TP-04	1999-06-18	3	1	0	<a href="#">get it</a>
TP-05	1999-10-08	3	2	0	<a href="#">get it</a>
TP-07	2000-03-15	3	3	0	<a href="#">get it</a>
TP-15	2002-03-25	3	4	0	<a href="#">get it</a>

## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

WG (prime /

freeze\_meeting: SP-03

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

G: yes U: yes

MCC: HAN, Seung Don

remarks - general: GPRS

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>
NP-07	2000-03-15	3	4	0	<a href="#">get it</a>
NP-11	2001-04-06	3	5	0	<a href="#">get it</a>
NP-16	2002-06-24	3	6	0	<a href="#">get it</a>
NP-17	2002-09-17	3	7	0	<a href="#">get it</a>
NP-20	2003-06-23	3	8	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U: yes

MCC: RODERMUND, Friedhelm

remarks - this release: TSG#8:3.1.0 but this CR not impementable.

remarks - general:

history (event, available, version, comments, hyperlink):

TP-05 1999-10-08 3 . 0 . 0  
TP-09 2000-10-16 3 . 1 . 0

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## TR 27.901 Report on Terminal Interfaces - An Overview

R99  
current version: 3.1.0  
freeze\_meeting: SP-06

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes

MCC: RODERMUND, Friedhelm

remarks - this release:

remarks - general:

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

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## TR 27.903 Discussion of synchronization standards

R99  
current version: 3.0.0  
freeze\_meeting: SP-05

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

G: U: yes

MCC: RODERMUND, Friedhelm

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 0 . 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

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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

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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 / N4 / - / rapporteur: WIEHE, Ulrich  
 G:yes U: yes MCC: KYMALAINEN, Kimmo  
 Gesellschaft für Kommunikations Software

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>
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>

delayed availability due to complexity of changes

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N3 / -

rapporteur: BELLING, Thomas

SIEMENS AG

MCC: HAN, Seung Don

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

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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 R99 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)  
R99 current version: Signalling Procedures and the Mobile Application Part (MAP) 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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[get it](#)

**TS 29.011** Signalling Interworking for Supplementary Services

R99 current version: 3.0.0  
freeze\_meeting: SP-03  
remarks - general:

WG (prime /  
G: yes U: yes  
N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

Gesellschaft f, r Kommunikations Software

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

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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 29.013 R99

**Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

current version: 3.0.0

freeze\_meeting: SP-05

remarks - general: Transfer>TSG#4

WG (prime / N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-04 1999-06-23 3 . 0 . 0

[get it](#)

## TS 29.016 R99

**Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

current version: 3.1.0

freeze\_meeting: SP-03

remarks - general:

WG (prime / N1 / -

G: yes U: yes

rapporteur: DAWES, Peter

MCC: JURISIC, Andrijana

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
R99

General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

current version: 3.11.0

freeze\_meeting: SP-03

WG (prime / N1 / -  
G: yes U: yes

rapporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

VODAFONE LTD

remarks - this  
release:

remarks - general:

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-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

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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  
R99

General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

current version: 3.19.0

freeze\_meeting: SP-03

WG (prime /

G: yes U: yes

N4 / -

rapporteur:

KYMALAINEN, Kimmo TellaSonera.AB

MCC:

KYMALAINEN, Kimmo

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-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



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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  
R99

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

WG (prime/

G: yes U: yes

Telefon AB LM Ericsson

rappporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

N3 / -

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-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

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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**  
R99 *WG (prime/* N4 / - *rapporteur:* NOLDUS Rogier Telefon AB LM Ericsson  
*freeze\_meeting:* SP-05 *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2. *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

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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 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

R99  
WG (prime) / R3 / -  
G: U: yes  
current version: 3.3.0  
freeze\_meeting: SP-08  
remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)

rapporporteur: VESELY, Alexander  
MCC: CALDENHOVEN, Juergen  
SIEMENS AG

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 29.119 GPRS Tunneling Protocol (GTP) specification for Gateway Location Register (GLR)

R99  
WG (prime) / N4 / -  
G: U: yes  
current version: 3.0.0  
freeze\_meeting: SP-07  
remarks - general: New after TSG#5

rapporporteur: AIKAWA, Shinichiro  
MCC: KYMALAINEN, Kimmo  
Fujitsu Limited

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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 WG (prime) / N4 / - rapporteur: MITAMURA, Kazuo NTT COMMWARE Corporation

freeze\_meeting: SP-07

MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5

U: yes  
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
NP-09	2000-10-25	3	.	1	.	0

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[get it](#)  
[get it](#)  
[get it](#)

## TS 29.198 Open Service Architecture (OSA) Application Programming Interface (API) - Part 1

R99 WG (prime) / N5 / - rapporteur: ABARCA, Chelo ALCATEL S.A.

freeze\_meeting: SP-08

U: yes  
remarks - general: OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.

U: yes  
remarks - this release:

history (event, available, version, comments, hyperlink):

NP-07	2000-03-13	1	.	0	.	0
NP-08	2000-06-23	3	.	0	.	0
NP-09	2000-10-09	3	.	1	.	0
NP-10	2001-01-03	3	.	2	.	0
NP-11	2001-03-28	3	.	3	.	0
NP-12	2001-06-29	3	.	4	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 *rappporteur:* ANDERSEN, Niels / MOTOROLA A/S  
*freeze\_meeting:* SP-06

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document  
pointing to latest Release version.

WG (prime / N1 / RP

U: yes

MCC: JURISIC, Andrijana

remarks - this release:

### 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 to TR. [get it](#)

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## TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0 / - *rappporteur:* ABARCA, Chelo / ALCATEL S.A.  
*freeze\_meeting:* SP-08

*remarks - general:* OSA subgroup

WG (prime / N5 / -

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

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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 31.101 UICC-terminal interface; Physical and logical characteristics

R99  
current version: 3.3.0  
freeze\_meeting: SP-06  
remarks - general: Contents is a reference to ETSI TR 102 221.

WG (prime / T3 / SCP rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
G: U: yes MCC: RODERMUND, Friedhelm  
remarks - this TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec  
release: 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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 31.102 Characteristics of the USIM application

R99 current version: 3.17.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / T3 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

G: U: yes MCC: RODERMUND, Friedhelm

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-23	0	. 0	. 0	0	<a href="#">get it</a>
TP-04	1999-06-23	0	. 5	. 0	0	<a href="#">get it</a>
TP-05	1999-10-08	1	. 0	. 0	0	<a href="#">get it</a>
TP-06	1999-12-17	3	. 0	. 0	0	<a href="#">get it</a>
TP-07	2000-03-15	3	. 1	. 0	0	<a href="#">get it</a>
target						
TP-08	2000-06-23	3	. 2	. 0	0	<a href="#">get it</a>
TP-09	2000-10-18	3	. 3	. 0	0	<a href="#">get it</a>
TP-10	2001-01-05	3	. 4	. 0	0	<a href="#">get it</a>
TP-11	2001-04-09	3	. 5	. 0	0	<a href="#">get it</a>
TP-12	2001-07-06	3	. 6	. 0	0	<a href="#">get it</a>
TP-13	2001-10-11	3	. 7	. 0	0	<a href="#">get it</a>
TP-14	2002-01-17	3	. 8	. 0	0	<a href="#">get it</a>
TP-16	2002-06-28	3	. 9	. 0	0	<a href="#">get it</a>
TP-17	2002-09-25	3	. 10	. 0	0	<a href="#">get it</a>
TP-18	2003-01-02	3	. 11	. 0	0	<a href="#">get it</a>
TP-19	2003-04-01	3	. 12	. 0	0	<a href="#">get it</a>
TP-20	2003-06-23	3	. 13	. 0	0	<a href="#">get it</a>
TP-21	2003-09-30	3	. 14	. 0	0	<a href="#">get it</a>
TP-22	2004-01-12	3	. 15	. 0	0	<a href="#">get it</a>
TP-23	2004-03-25	3	. 16	. 0	0	<a href="#">get it</a>
TP-24	2004-06-15	3	. 17	. 0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99  
WG (prime) / T3 / -  
G: U: yes  
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.

rapporteur: DIETRICH, Christian Axalto S.A.  
MCC: RODERMUND, Friedhelm

remarks - this release:

### history (event, available, version, comments, hyperlink):

E-mailed to SP-T 1999-11-15 1 . 0 . 0  
for 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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

R99  
WG (prime) / T3 / -  
G: yes U: yes  
freeze\_meeting: SP-07  
remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

rapporteur: DUBOIS, Christophe Axalto S.A.  
MCC: RODERMUND, Friedhelm

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



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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**  
current version: 3.0.0  
freeze\_meeting: SP-08  
remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP

WG (prime /  
G: U: yes

T3 / -  
rapporteur: MAESER, Torsten  
MCC: RODERMUND, Friedhelm  
remarks - this  
release: TP-11:moved to ETSI-SCP. TP-12: reinstated.

Orga Test Systems Gmbh

history (event, available, version, comments, hyperlink):

TP-09 2000-10-18 1 . 0 . 0 [get it](#)  
TP-10 2001-01-05 3 . 0 . 0 [get it](#)

## TS 31.121

R99 **UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification**  
current version: 3.10.0  
freeze\_meeting: SP-08  
remarks - general: based on R99 core spec; split into 2 parts (this is 2)

WG (prime /  
G: U: yes

T3 / -  
rapporteur: WILLEBRINK, Udo  
MCC: RODERMUND, Friedhelm  
remarks - this  
release: TP-11:moved to ETSI-SCP. TP-12: reinstated.

Orga Test Systems Gmbh

history (event, available, version, comments, hyperlink):

TP-09 2000-10-18 1 . 0 . 0 [get it](#)  
TP-10 2001-01-05 3 . 0 . 0 [get it](#)  
TP-12 2001-07-06 3 . 1 . 0 [get it](#)  
TP-16 2002-06-19 3 . 2 . 0 [get it](#)  
TP-17 2002-09-18 3 . 3 . 0 [get it](#)  
TP-18 2003-01-02 3 . 4 . 0 [get it](#)  
TP-19 2003-03-26 3 . 5 . 0 [get it](#)  
TP-20 2003-06-23 3 . 6 . 0 [get it](#)  
TP-21 2003-09-29 3 . 7 . 0 [get it](#)  
TP-23 2004-03-26 3 . 8 . 0 [get it](#)  
TP-24 2004-06-15 3 . 9 . 0 [get it](#)  
TP-25 2004-10-08 3 . 10 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 WG (prime) / U: yes  
freeze\_meeting: SP-08 G: U: yes  
remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two parts

T3 / - rapporteur: KNIGHT, Simon ASPECTS Software Ltd  
MCC: RODERMUND, Friedhelm  
remarks - this release:

### history (event, available, version, comments, hyperlink):

TP-09	2000-10-18	1	.	0	.	0		<a href="#">get it</a>
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>

## TS 31.124

### Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

R99 WG (prime) / U: yes  
freeze\_meeting: none G: U: yes  
remarks - general: 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, Ö ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.

T3 / - rapporteur: LAFFONT, Eric GEMPLUS S.A.  
MCC: RODERMUND, Friedhelm  
remarks - this release: Pointer to latest Release.

### 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

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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 R99 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): S5 / -

G: U: yes

MCC: ZOICAS, Adrian

remarks - general: 2004-03-29;S5 Project Manager: title changed from "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 [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

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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 / S5 / -

G: U: yes

rapporteur: ALEXANDER, Benni

MCC: ZOICAS, Adrian

NOKIA Corporation

remarks - general: 2004-03-29:S5 Project Manager: title changed from "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	
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

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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) /  
G: U: yes

S5 / - 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) /  
G: U: yes

S5 / - rapporteur: BERGGREN, Tommy  
MCC: ZOICAS, Adrian  
TeliaSonera AB

remarks - this  
release:

history (event, available, version, comments, hyperlink):

Creation of WI by  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / U: yes  
G: U: yes  
S5 / -  
rapporteur: Hå BINETTE, Ulf  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	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-09	2000-10-10	3	.	3	.	0
SP-10	2000-12-21	3	.	4	.	0
SP-14	2002-01-11	3	.	5	.	0
SP-20	2003-06-27	3	.	6	.	0
SP-23	2004-03-24	3	.	7	.	0
SP-24	2004-06-15	3	.	8	.	0
SP-25	2004-09-23	3	.	9	.	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

remarks - general: SP-08: split into eight parts

WG (prime / U: yes  
G: yes U: yes  
S5 / -  
rapporteur: PIRT, Trevor  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd

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	2000-03-17	3	.	0	.	0
Editorial	2000-03-17	3	.	0	.	1
SP-08	2000-06-23	3	.	1	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.106-2** Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)  
R99  
WG (prime) / S5 / - rapporteur: TSE, Edwin Ericsson Incorporated  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: SP-07  
remarks - general: TSG#8: split into eight parts

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  
R99  
WG (prime) / S5 / - rapporteur: TSE, Edwin Ericsson Incorporated

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

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99 current version: (CMIP) Solution Set (SS) WG (prime) / 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

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

R99 current version: 3.2.0 WG (prime) / S5 / -rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
freeze\_meeting: SP-10 MCC: ZOICAS, Adrian

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)

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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G = required in systems with GERAN access; U = required in systems with UMTS



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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 R99 32 .- series

## TS 32.106-6 Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture

R99 current version: (CORBA) Solution Set (SS) WG (prime) / S5 / ZOICAS, Adrian POLLAKOWSKI, Olaf  
SIEMENS AG -rapporteur:

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)

### history (event, available, version, comments, hyperlink):

draft	2000-10-31	0	1	0	<a href="#">get it</a>
SP-10	2000-12-14	3	0	0	<a href="#">get it</a>
SP-11	2001-04-05	3	1	0	<a href="#">get it</a>
SP-12	2001-07-04	3	2	0	<a href="#">get it</a>
SP-13	2001-10-05	3	3	0	<a href="#">get it</a>
SP-22	2004-01-05	3	4	0	<a href="#">get it</a>

## 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) WG (prime) / S5 / ZOICAS, Adrian POLLAKOWSKI, Olaf  
SIEMENS AG -rapporteur:

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)

### history (event, available, version, comments, hyperlink):

draft	2000-10-31	0	1	0	<a href="#">get it</a>
SP-10	2000-12-21	3	0	0	<a href="#">get it</a>
SP-11	2001-04-05	3	1	0	<a href="#">get it</a>
SP-12	2001-07-03	3	2	0	<a href="#">get it</a>
SP-14	2002-01-11	3	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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):* S5 / - *rapporteur:* 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  
2000-06-23 3 . 1 . 0  
SP-12 2001-07-03 3 . 2 . 0

[get it](#)

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**TS 32.111-1** **Telecommunication management; Fault Management; Part 1: 3G fault management requirements**

R99 *WG (prime):* S5 / - *rapporteur:* 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

*WG (prime):* S5 / -  
*G: yes U: yes*

*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  
SP-09 2000-10-10 3 . 2 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.3.0

freeze\_meeting: SP-08

remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / -

G: yes U: yes

rapporporteur: SCHMIDT, Joerg

MCC: ZOICAS, Adrian

MOTOROLA AIS

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

---

## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set

R99

current version: 3.6.0

freeze\_meeting: SP-08

remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / -

G: yes U: yes

rapporporteur: TSE, Edwin

MCC: ZOICAS, Adrian

Ericsson Incorporated

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set

R99 current version: 3.2.0

freeze\_meeting: SP-08

remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / -

G: yes U: yes

remarks - this release:

rappporteur: POLLAKOWSKI, Olaf

MCC: ZOICAS, Adrian

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)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S3 / - rapporteur: BLOMMAERT, Marc  
G: POPE, Maurice  
U: yes  
remarks - this release:

Siemens nv/sa

history (event, available, version, comments, hyperlink):

Table of Contents 1999-03-04 0 . 0 . 1

and Scope

First complete	1999-03-26	1 . 0 . 0
WG approval	1999-03-26	2 . 0 . 0
SP-03	1999-04-23	3 . 0 . 0
SP-04	1999-06-23	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
SP-08	2000-06-23	3 . 5 . 0
SP-09	2000-10-11	3 . 6 . 0
SP-10	2000-12-22	3 . 7 . 0
SP-11	2001-04-04	3 . 8 . 0
SP-12	2001-07-04	3 . 9 . 0
SP-14	2002-01-07	3 . 10 . 0
SP-15	2002-03-26	3 . 11 . 0
SP-16	2002-06-19	3 . 12 . 0
SP-18	2002-12-18	3 . 13 . 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 / 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	.	0
SP-05	1999-10-13	3	.	0	.	0	.	0
SP-06	1999-12-17	3	.	1	.	0	.	0
SP-07	2000-03-15	3	.	2	.	0	.	0
SP-08	2000-06-23	3	.	3	.	0	.	0
SP-09	2000-10-11	3	.	4	.	0	.	0
SP-11	2001-03-30	3	.	5	.	0	.	0
SP-12	2001-07-04	3	.	6	.	0	.	0
SP-13	2001-10-03	3	.	7	.	0	.	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 / 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	.	0
SP-05	1999-10-13	3	.	1	.	0	.	0
SP-06	1999-12-17	3	.	2	.	0	.	0
SP-07	2000-03-15	3	.	3	.	0	.	0
SP-08	2000-06-23	3	.	4	.	0	.	0
SP-09	2000-10-11	3	.	5	.	0	.	0
SP-10	2000-12-22	3	.	6	.	0	.	0
SP-11	2001-03-30	3	.	7	.	0	.	0
SP-12	2001-07-04	3	.	8	.	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 33.106 Lawful interception requirements

current version: 3.1.0

freeze\_meeting: SP-08

remarks - general:

WG (prime / S3 / - rapporteur: WILHELM, Berthold  
G: U: yes 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

current version: 3.5.0

freeze\_meeting: SP-06

remarks - general:

WG (prime / S3 / - rapporteur: WILHELM, Berthold  
G: U: yes MCC: POPE, Maurice  
BUNDESMINISTERIUM FUR WIRTSCHAFT  
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

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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 / 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	1999-03-04	0	0	0	1
and Scope					
First complete	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

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## TR 33.901 Criteria for cryptographic Algorithm design process

R99  
current version: 3.0.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / 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

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## TR 33.902 Formal Analysis of the 3G Authentication Protocol

R99  
current version: 3.1.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / 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



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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 / S3 / - rapporteur: WALKER, Michael  
G: U: yes MCC: POPE, Maurice  
remarks - this Formerly 33.904.  
release:

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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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

WG (prime) /

G: U: yes

T1 / - rapporteur: CHALABI, Nuhman ANRITSU LTD

MCC: SULTAN, Alain

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):

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	<a href="#">get it</a>
TP-08	2000-06-23	3	0	0	<a href="#">get it</a>
Editorial	2000-06-23	3	0	1	<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	2001-06-27	3	4	0	<a href="#">get it</a>
TP-13	2001-10-08	3	5	0	<a href="#">get it</a>
TP-14	2002-01-09	3	6	0	<a href="#">get it</a>
TP-15	2002-03-20	3	7	0	<a href="#">get it</a>
edito post	2002-03-26	3	7	1	<a href="#">get it</a>
TP-16	2002-06-17	3	8	0	<a href="#">get it</a>
TP-17	2002-09-10	3	9	0	<a href="#">get it</a>
TP-18	2002-12-18	3	10	0	<a href="#">get it</a>
TP-19	2003-03-24	3	11	0	<a href="#">get it</a>
TP-20	2003-06-18	3	12	0	<a href="#">get it</a>
TP-21	2003-10-10	3	13	0	<a href="#">get it</a>
TP-22	2004-01-13	3	14	0	<a href="#">get it</a>
TP-23	2004-04-01	3	15	0	<a href="#">get it</a>
TP-24	2004-06-18	3	16	0	<a href="#">get it</a>

technical contents removed, is just a pointer to Rel-5 version

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

## TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 WG (prime / U: yes  
freeze\_meeting: SP-08 G:

R2 / T1 rapporteur: BERGGREN, Anders Ericsson Incorporated  
MCC: ARZELIER, Claude

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.

remarks - this release:

### history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-18	0	.	2	.	0		<a href="#">get it</a>
RP-05	1999-10-08	1	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	1	.	0	.	3		<a href="#">get it</a>
next version	2000-02-03	1	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	1	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-20	3	.	2	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	3	.	0		<a href="#">get it</a>
RP-12	2001-06-19	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-17	2002-09-18	3	.	7	.	0		<a href="#">get it</a>
RP-18	2003-01-13	3	.	8	.	0		<a href="#">get it</a>
RP-19	2003-03-25	3	.	9	.	0		<a href="#">get it</a>
RP-25	2004-09-27	3	.	10	.	0		<a href="#">get it</a>

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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)

current version: 3.14.0

freeze\_meeting: SP-07

WG (prime/

G: U: yes

ADVANTEST Corporation

HIGUCHI, Kenji

SULTAN, Alain

rappporteur:

MCC:

T1 / -

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

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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 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

WG (prime /

G: U: yes

T1 / - rapporteur: MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG

MCC: SULTAN, Alain

remarks - general: freeze\_meeting: SP-08  
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

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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  
current version: 3.5.0  
freeze\_meeting: SP-08

WG (prime): T1 / -  
G: U: yes

SOURCE COM

rappporteur: SULTAN, Alain  
MCC: SULTAN, Alain

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-05	1999-10-08	0	.	0	.	4		<a href="#">get it</a>
TP-06	1999-12-17	1	.	0	.	0		<a href="#">get it</a>
manicure	2000-03-23	1	.	0	.	1		<a href="#">get it</a>
TP-08		2	.	0	.	0		
TP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
TP-09	2000-10-10	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	2001-10-03	3	.	5	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
WG (prime) / T1 / -  
G: U: yes  
ETSI Secretariat  
current version: 3.5.0  
freeze\_meeting: SP-10  
remarks - general:  
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 acces; U = required in systems with UMTS

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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 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

R99 current version: 3.7.0

freeze\_meeting: SP-13

WG (prime/

G: U: yes

ETSI Secretariat

rapporteur: HU, Shicheng

MCC: SULTAN, Alain

T1 / -

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

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

TP-18 2002-12-16 2 . 0 . 0

text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20.

TP-18 2002-12-18 3 . 0 . 0 Availability delayed pending availability of .mp file.

TP-19 2003-04-09 3 . 1 . 0

TP-20 2003-07-04 3 . 2 . 0

late availability due to delay in checking by WG members

TP-20 2003-07-15 3 . 2 . 1 Fixes bug in Telelogic tool output.

TP-21 2003-10-31 3 . 3 . 0 TTCN verification performed by Anritsu & Racal.

TP-22 2004-01-12 3 . 4 . 0

TP-23 2004-03-29 3 . 5 . 0 no MP file - to follow

TP-23 2004-04-13 3 . 5 . 1 With MP file.

post TP-23 edito 2004-04-14 3 . 5 . 2 Reorders some misplaced subclauses

TP-24 2004-07-02 3 . 6 . 0

post TP-24 2004-07-23 3 . 6 . 1 One correction performed in the NAS ATS part

TP-25 2004-10-07 3 . 7 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS



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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

R4 / -  
WG (prime) /  
G: U: yes  
rapporteur: SOERENSEN, Ole NOKIA Corporation  
MCC: 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	1	<a href="#">get it</a>
draft	1999-07-15	1	0	0	<a href="#">get it</a>
draft	1999-08-15	1	0	1	<a href="#">get it</a>
draft	1999-09-15	1	1	0	<a href="#">get it</a>
TP-05	1999-10-08	1	2	0	<a href="#">get it</a>
TP-06	1999-12-17	1	2	2	<a href="#">get it</a>
draft	2000-02-15	1	3	0	<a href="#">get it</a>
SWG T1 EMC at meeting-08	2000-02-28	2	0	0	<a href="#">get it</a>
TP-07	2000-03-15	2	0	1	<a href="#">get it</a>
TP-09	2000-10-05	3	1	0	<a href="#">get it</a>
RP-10	2001-01-09	3	2	0	<a href="#">get it</a>
RP-11	2001-04-05	3	3	0	<a href="#">get it</a>
RP-19	2003-04-04	3	4	0	<a href="#">get it</a>

SP-000034

## TR 34.901

Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99  
current version: 3.0.0  
freeze\_meeting: SP-06  
WG (prime) / T1 /  
G: U: yes  
rapporteur: YOKOYAMA, Mitsuru Agilent Technologies International Japan, Ltd.  
MCC: SULTAN, Alain

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	<a href="#">get it</a>
TP-20	2003-06-17	2	0	1	<a href="#">get it</a>
TP-20	2003-06-18	3	0	0	<a href="#">get it</a>

TP-030105 (clause 4 modified). Doc claims to be v2.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 3.0.0  
freeze\_meeting: SP-05

remarks - general:

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: U: yes  
MCC: RODERMUND, Friedhelm  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 1 . 0 . 0 [get it](#)  
TP-05 1999-10-08 3 . 0 . 0 [get it](#)

## TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions

current version: 3.0.0  
freeze\_meeting: SP-04

remarks - general:

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: U: yes  
MCC: RODERMUND, Friedhelm  
remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03 1999-04-23 1 . 0 . 0 [get it](#)  
TP-04 1999-06-18 3 . 0 . 0 [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

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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

WG (prime): S3 / - rapporteur: WALKER, Michael VODAFONE Group Plc  
G: U: yes MCC: POPE, Maurice

freeze\_meeting: SP-07

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 [get it](#)

Formatting 2001-07-12 3 . 1 . 1 Sage makes source file available. [get it](#)

IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)

SP-14 2002-01-07 3 . 2 . 0 [get it](#)

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## TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification

WG (prime): S3 / - rapporteur: WALKER, Michael VODAFONE Group Plc  
G: U: yes MCC: POPE, Maurice

freeze\_meeting: SP-07

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 [get it](#)

Formatting 2001-07-12 3 . 1 . 1 Sage makes source file available. [get it](#)

IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R99  
current version: 3.1.2  
freeze\_meeting: SP-07  
WG (prime): S3 / -  
G: U: yes  
reporteur: WALKER, Michael  
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	<a href="#">get it</a>
Formatting	2001-07-16	3	.	1	.	1	Sage makes source file available.	<a href="#">get it</a>
IPR, licence text	2001-08-20	3	.	1	.	2		<a href="#">get it</a>

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## TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data

R99  
current version: 3.1.2  
freeze\_meeting: SP-07  
WG (prime): S3 / -  
G: U: yes  
reporteur: WALKER, Michael  
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	<a href="#">get it</a>
Formatting	2001-07-12	3	.	1	.	1	Sage makes source file available.	<a href="#">get it</a>
IPR, licence text	2001-08-20	3	.	1	.	2		<a href="#">get it</a>

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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)

G = required in systems with GERAN access; U = required in systems with UMTS

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ACTIVE specs 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

WG (prime) /  
G: U:

GP / -  
rapporteur: MOULSLEY, Tim  
MCC: USAI, Paolino

Philips Research Laboratories

remarks - general: Produced by ETSI SMG2.

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

[get it](#)  
[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)

### TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

WG (prime) /  
G: U:

GP / -  
rapporteur: BLANC, Patrick  
MCC: USAI, Paolino

ALCATEL S.A.

remarks - general:

remarks - this  
release:

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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TR 30.06U UTRA Concept Evaluation Reports

current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

GP / -

rappporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - this  
release:

history (event, available, version, comments, hyperlink):

First complete 1997-12-01 1 . 0 . 0

smg-24 1997-12-15 3 . 0 . 0

[get it](#)

[get it](#)

## R98

R98 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

current version: 7.0.0

freeze\_meeting:

remarks - general:

post-SP-19: title changed from "GSM Release 1999 Specifications" to

cater for backwards extension to earlier releases.

WG (prime /  
G: yes U:

SP / -

rappporteur: MEREDITH, John M  
MCC: POPE, Maurice

ETSI Secretariat

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 01.04 Abbreviations and acronyms

current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

GP / -

rappporteur:  
MCC:

CLAYTON, Michael  
USAI, Paolino  
EMCOM Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S3 / -

rappporteur:  
MCC:

WRIGHT, Tim  
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 . 0 . 1

[get it](#)  
[get it](#)

## TR 01.33 Lawful Interception requirements for GSM

current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S3 / -

rappporteur:  
MCC:

MCKIBBEN, Bernie  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

**TS 01.56** **GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements**  
R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
ALCATEL S.A.  
rapporteur: POIRAUD, Patrick  
MCC: CLAYTON, Michael  
S1 / -  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

**TS 01.61** **General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**  
R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
VODAFONE Group Plc  
rapporteur: WALKER, Michael  
MCC: POPE, Maurice  
S3 / -  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
upgrade to R98 2001-10-04 7 . 0 . 0

[get it](#)

**R98 02 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

**TS 02.01** **Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**  
R98  
current version: 7.1.0  
freeze\_meeting: smg-29  
NOKIA Corporation  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
S1 / -  
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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R98 WG (prime) /  
G: yes U:

Research In Motion Limited

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

S1 / -

freeze\_meeting: smg-29

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R98 WG (prime) /  
G: yes U:

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

S1 / -

freeze\_meeting: smg-29

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 02.04 General on Supplementary Services

R98 WG (prime) /  
G: yes U:

Research In Motion Limited

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

S1 / -

freeze\_meeting: smg-29

remarks - general:

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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[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.06 Types of Mobile Stations (MS)

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / -

rappporteur: WATSON, John  
MCC: 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

[get it](#)  
[get it](#)

## TS 02.07 Mobile Station (MS) Features

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / -

rappporteur: WATSON, John  
MCC: 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

[get it](#)  
[get it](#)  
[get it](#)

## TS 02.09 Security aspects

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S3 / S1 /

NP

rappporteur: CHRISTOFFERSSON,  
Per

MCC: POPE, Maurice

TeliaSonera AB

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.11** **Service accessibility**  
R98  
current version: 7.1.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
G: yes U: CLAYTON, Michael  
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

[get it](#)  
[get it](#)  
[get it](#)

**TS 02.16** **International Mobile Station Equipment Identities (IMEI)**  
R98  
current version: 7.2.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
G: yes U: CLAYTON, Michael  
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

[get it](#)  
[get it](#)  
[get it](#)

**TS 02.17** **Subscriber Identity Module (SIM); Functional characteristics**  
R98  
current version: 7.1.1  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / T3 / S1 rapporteur: HOOKER, Philip ORANGE PCS LTD  
G: yes U: RODERMUND, Friedhelm  
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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.19 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

R98 WG (prime /

freeze\_meeting: smg-29

remarks - general: SMG9->T3@#31

T3 / - rapporteur: DIETRICH, Christian Axalto S.A.

MCC: RODERMUND, Friedhelm

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

[get it](#)

[get it](#)

## TS 02.22 Stage 1 for personalisation of GSM ME

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / rapporteur: POIRAUD, Patrick ALCATEL S.A.

MCC: CLAYTON, Michael

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 02.24 Description of Charge Advice Information (CAI)

R98 current version: 7.0.1

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / rapporteur: DEOL, Amar Nortel Networks (USA)

MCC: CLAYTON, Michael

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 /

rappporteur: JEAL, David  
MCC: CLAYTON, Michael

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

[get it](#)  
[get it](#)  
[get it](#)

## 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 /

G: yes U:

S3 /

rappporteur: WRIGHT, Tim  
MCC: POPE, Maurice

remarks - this  
release:

Indicate persons who left Company and wait for new  
One

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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S3 / rapporteur: WRIGHT, Tim  
G: yes U: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1996-06-26	1	.	0	.	0	<a href="#">get it</a>
draft	1998-03-01	2	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	1	<a href="#">get it</a>

## TS 02.33 Lawful Interception (LI); Stage 1

R98 WG (prime / S3 / rapporteur: MCKIBBEN, Bernie  
G: yes U: POPE, Maurice  
MOTOROLA GmbH

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	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>
editorial		7	.	2	.	1	
smg-29	1999-06-25	7	.	3	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U: S1 /  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 02.40 Procedures for Call Progress Indications

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U: S1 / NP  
rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)  
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](#)

## TS 02.41 Operator Determined Barring

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U: S1 /  
rapporteur: WATSON, John  
MCC: CLAYTON, Michael  
VODAFONE Group Plc  
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

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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 WG (prime /  
G: yes U:

freeze\_meeting: smg-29

remarks - general:

S1 /

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

[get it](#)

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## TS 02.43 Support of Localised Service Area (SoLSA); Service description; Stage 1

R98 WG (prime /  
G: yes U:

freeze\_meeting: smg-29

remarks - general:

S1 /

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

[get it](#)

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## TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1

R98 WG (prime /  
G: yes U:

freeze\_meeting: smg-29

remarks - general: SMG9->T3@#31

T3 / S3

rapporteur: BARNES, Nigel

MCC: RODERMUND, Friedhelm

MOTOROLA Ltd

remarks - this  
release:

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



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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  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general: SMG11->S4 at SMG#30

WG (prime /  
G: yes U:

S4 / rapporteur: NAVARRO, William  
MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

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

[get it](#)  
[get it](#)

## TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R98  
current version: 7.2.1  
freeze\_meeting: smg-29

WG (prime /  
G: yes U:

S1 / - rapporteur: POIRAUD, Patrick  
MCC: CLAYTON, Michael

ALCATEL S.A.

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

[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)

## TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

WG (prime /  
G: yes U:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 7.5.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporporteur: CARPENTER, Paul

MCC: CLAYTON, Michael

Research In Motion 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

[get it](#)

smg-28 1999-02-12 7 . 1 . 0

[get it](#)

smg-29 1999-06-25 7 . 2 . 0

[get it](#)

SP-05 1999-10-08 7 . 3 . 0

[get it](#)

SP-07 2000-03-15 7 . 4 . 0

[get it](#)

SP-08 2000-06-23 7 . 5 . 0

## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporporteur: HECHWARTNER, Roland

MCC: CLAYTON, Michael

T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 02.66

Support of Mobile Number Portability (MNP); Service description; Stage 1

current version: 7.1.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporporteur: ZARRI, Michele

MCC: CLAYTON, Michael

T-Mobile (UK) Ltd

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

[get it](#)

SP-07 2000-03-15 7 . 1 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime /  
G: yes U:  
freeze\_meeting: smg-29

remarks - general:

S1 / - rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
SIEMENS AG

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

[get it](#)  
[get it](#)

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R98 WG (prime /  
G: yes U:  
freeze\_meeting: smg-29

remarks - general:

S1 / - 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  
edito 1999-06-25 7 . 0 . 1  
publish EN 300 925 2000-08-24 7 . 0 . 2

[get it](#)  
[get it](#)  
[get it](#)

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R98 WG (prime /  
G: yes U:  
freeze\_meeting: smg-29

remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: S1 / - rapporteur: DEOL, Amar  
CLAYTON, Michael  
MCC: Nortel Networks (USA)  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 1 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
SP-05 1999-10-08 7 . 1 . 0 [get it](#)  
SP-06 1999-12-15 7 . 2 . 0 [get it](#)  
SP-11 2001-04-06 7 . 3 . 0 [get it](#)

## TS 02.72 Call Deflection Service description; Stage 1

R98  
current version: 7.2.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U: S1 / - rapporteur: HECHWARTNER,  
Roland  
CLAYTON, Michael  
MCC: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0 [get it](#)  
smg-27 1998-10-16 7 . 1 . 0 [get it](#)  
smg-28 1999-02-12 7 . 2 . 0 [get it](#)  
smg-29 1999-06-25 7 . 2 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime) / S1 / - rapporteur: GRECH, Michel  
Lucent Technologies Network Systems UK

freeze\_meeting: smg-29

MCC: CLAYTON, Michael

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

[get it](#)

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## TS 02.79 Support of Optimal Routing (SOR); Service definition (Stage 1)

R98 WG (prime) / S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd

freeze\_meeting: smg-29

MCC: CLAYTON, Michael

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 WG (prime) / S1 / - rapporteur: BLOMSTRAND, Ola  
TeliaSonera AB

freeze\_meeting: smg-29

MCC: CLAYTON, Michael

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

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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 /  
G: yes U:

ORANGE SA

S1 / - 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 /  
G: yes U:

EMCOM Ltd

S1 / - 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

[get it](#)

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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 /  
G: yes U:

SIEMENS AG

S1 / - 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

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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 /  
G: yes U:

S1 / -  
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

[get it](#)

## 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 /  
G: yes U:

S1 / -  
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

[get it](#)

## TS 02.87 User-to-User Signalling (UUS) Service Description; Stage 1

R98  
current version: 7.1.2  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

S1 / -  
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

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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 /  
G: yes U:

S1 / -

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

[get it](#)

---

## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S1 / -

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

[get it](#)

---

## TS 02.91 Explicit Call Transfer (ECT)

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S1 / -

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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1

R98 WG (prime / G: yes U: )  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
#29: 7.0.0  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

---

## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R98 WG (prime / G: yes U: )  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
#29: 7.0.0  
remarks - this release:

EMCOM Ltd

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

---

## TS 02.96 Name Identification Supplementary Services; Stage 1

R98 WG (prime / G: yes U: )  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
#29: 7.0.0  
remarks - this release:

EMCOM Ltd

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

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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

current version: 7.1.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G:yes U:

S1 / -

rapporteur: DEOL, Amar

CLAYTON, Michael

Nortel Networks (USA)

MCC: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0

remarks - this

release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

[get it](#)

[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

current version: 7.0.0

freeze\_meeting: smg-29

remarks - general: SMG3->SA2 @ TSG#7

WG (prime /

G:yes U:

S2 / NP

rapporteur: GAASVIK, Per-Ola

BOSWARTHICK, David

COMVIQ GSM AB

MCC: #29:7.0.0

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

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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

remarks - general:

WG (prime / S2 / NP / rapporteur: MILINSKI, Alexander SIEMENS AG  
T2  
G: yes U: BOSWARTHICK, David  
#29: 7.0.0 S#6: 7.1.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0  
SP-06 1999-12-17 7 . 1 . 0

## TS 03.03 Numbering, Addressing and Identification

R98 current version: 7.8.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / N4 / T2 rapporteur: RUSSELL, Nick VODAFONE LTD  
G: yes U: 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-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

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G:yes U:

NP / -

rapporporteur: BOSWARTHICK, David  
MCC: BOSWARTHICK, David

ETSI Secretariat

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

current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G:yes U:

N4 / -

rapporporteur: PARK, Ian David  
Chalmers

VODAFONE LTD

MCC: 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

[get it](#)  
[get it](#)

## TS 03.08 Organization of Subscriber Data

current version: 7.5.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G:yes U:

N4 / -

rapporporteur: BAUER, Rolf  
MCC: KYMALAINEN, Kimmo

ALCATEL SEL AG

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

[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

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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 / N1 / - rapporteur: FARHOUAMAND, Ericsson Incorporated  
G: yes U: Rouzbeh JURISIC, Andrijana  
MCC: #29: 7.0.0  
remarks - this release:

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 / N3 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 7 . 0 . 0  
smg-29 1999-06-26 7 . 0 . 1

[get it](#)  
[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 / N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG  
G: yes U: KYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
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

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 03.12 Location Registration Procedures

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporporteur: KYMALAINEN, Kimmo TeliSonera AB

MCC: KYMALAINEN, Kimmo

#29: 7.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rapporporteur: USAI, Paolino TELECOM ITALIA S.p.A.

MCC: USAI, Paolino

#29: 7.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

N1 / -

rapporporteur: ZAUS, Robert SIEMENS AG

MCC: JURISIC, Andrijana

#28: 7.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0

edito 1999-08-10 7 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
KYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
G: yes U: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

## TS 03.16 Subscriber Data Management

R98  
current version: 7.7.0  
freeze\_meeting: smg-29

WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
KYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
G: yes U: remarks - this release:  
Gesellschaft für Kommunikations Software

remarks - general:

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](#)  
NP-06 1999-12-15 7 . 2 . 0 [get it](#)  
NP-07 2000-03-15 7 . 3 . 0 [get it](#)  
NP-09 2000-10-31 7 . 4 . 0 [get it](#)  
NP-11 2001-04-02 7 . 5 . 0 [get it](#)  
NP-17 2002-09-17 7 . 6 . 0 [get it](#)  
NP-23 2004-03-23 7 . 7 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
KYMALAINEN, Kimmo  
G: yes U: 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	<a href="#">get it</a>
NP-05	1999-10-08	7	2	0	<a href="#">get it</a>
NP-07	2000-03-15	7	3	0	<a href="#">get it</a>
NP-09	2000-10-31	7	4	0	<a href="#">get it</a>
NP-22	2004-01-12	7	5	0	<a href="#">get it</a>

## TS 03.19 R98

### Subscriber Identity Module Application Programming Interface (SIM API) for Java Card

current version: 7.5.0  
freeze\_meeting: smg-29  
remarks - general: SMG9->T3@#31

WG (prime / T3 / - rapporteur: DIETRICH, Christian Axalto S.A.  
RODERMUND, Friedhelm  
G: yes U: 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	<a href="#">get it</a>
smg-31	2000-02-16	7	1	0	<a href="#">get it</a>
TP-08	2000-06-23	7	2	0	<a href="#">get it</a>
TP-08	2000-09-28	7	3	0	<a href="#">get it</a>
TP-10	2001-03-07	7	4	0	<a href="#">get it</a>
TP-11	2001-07-27	7	5	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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

remarks - general:

WG (prime / S3 / NP / rapporteur: NGUYEN NGOC, France Telecom  
GP  
G: yes U: POPE, Maurice  
MCC: #32:7.3.0? - status of CRs unclear.  
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](#)  
CR at smg-32 would have created  
7.3.0, but unclear whether or not

## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

R98  
current version: 7.4.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / G1 / N1 rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: USAI, Paolino  
MCC:  
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

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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

remarks - general:

WG (prime /

G: yes U:

G1 / NP

rappporteur: ANDERSEN, Niels

Peter Skov  
USAI, Paolino

MOTOROLA A/S

remarks - this  
release:

[get it](#)

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

## TR 03.30 Radio Network Planning Aspects

R98 current version: 7.1.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

GP / -

rappporteur: TEGTH, Ulf

USAI, Paolino

TeliaSonera AB

remarks - this  
release: #29: 7.0.0 #31: 7.1.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

smg-31 2000-02-16 7 . 1 . 0

[get it](#)

[get it](#)

## TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R98 current version: 7.0.0

freeze\_meeting: smg-29

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.

WG (prime /

G: yes U:

S3 / -

rappporteur: WRIGHT, Tim

POPE, Maurice

Indicate persons who left Company and wait for new  
One

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

current version: 7.2.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S2 / -

rapporporteur: 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

[get it](#)

[get it](#)

[get it](#)

## TS 03.33 Lawful Interception; Stage 2

current version: 7.2.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S3 / -

rapporporteur: 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

[get it](#)

[get it](#)

[get it](#)

## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

N1 / -

rapporporteur: 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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime / S3 / - rapporteur: WRIGHT, Tim  
G: yes U: POPE, Maurice  
MCC: Indicate persons who left Company and wait for new One  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
ETSI publication 2001-10-30 7 . 0 . 1

[get it](#)  
[get it](#)

## TS 03.38 Alphabets and language-specific information

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime / T2 / - rapporteur: HARRIS, Ian  
G: yes U: RODERMUND, Friedhelm  
MCC: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0  
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 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

T2 / -  
rapporteur:  
MCC:

HARRIS, Ian  
RODERMUND, Friedhelm  
Research In Motion Limited

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	<a href="#">get it</a>
smg-29	1999-06-25	7	2	0	<a href="#">get it</a>
TP-05	1999-10-08	7	3	0	<a href="#">get it</a>
TP-06	1999-12-15	7	4	0	<a href="#">get it</a>
TP-14	2002-01-11	7	5	0	<a href="#">get it</a>

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 current version: 7.4.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

T2 / -  
rapporteur:  
MCC:

HARRIS, Ian  
RODERMUND, Friedhelm  
Research In Motion Limited

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>
TP-06	1999-12-15	7	2	0	<a href="#">get it</a>
TP-07	2000-03-15	7	3	0	<a href="#">get it</a>
TP-09	2000-10-19	7	4	0	<a href="#">get it</a>

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Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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<b>TS 03.42</b>	<b>SMS Compression</b>				
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29				
<i>remarks - general:</i>					
	<i>history (event, available, version, comments, hyperlink):</i> smg-26 1998-06-26 7 . 0 . 0 smg-28 1999-02-12 7 . 1 . 0 smg-29 1999-06-25 7 . 1 . 1				
	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>				
<hr/>					
<b>TR 03.43</b>	<b>Support of Videotex</b>				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> SP-08				
<i>remarks - general:</i>					
	<i>history (event, available, version, comments, hyperlink):</i> smg-29 1999-06-25 7 . 0 . 0				
	<a href="#">get it</a>				
<hr/>					
<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> SP-08				
<i>remarks - general:</i>					
	<i>history (event, available, version, comments, hyperlink):</i> smg-29 1999-06-25 7 . 0 . 0				
	<a href="#">get it</a>				
<hr/>					

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<b>TS 03.45</b> R98	<b>Technical Realization of Facsimile Group 3 Service - transparent</b> WG (prime / G: yes U: freeze_meeting: smg-29	N3 / - rapporteur: HAN, Seung Don MCC: HAN, Seung Don remarks - this release:	KT Freetel Co., Ltd.
<i>history (event, available, version, comments, hyperlink):</i> smg-29 1999-06-25 7 . 0 . 0 ETSI publication 2000-01-12 7 . 0 . 1 <a href="#">get it</a> <a href="#">get it</a>			
<b>TS 03.46</b> R98	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b> WG (prime / G: yes U: freeze_meeting: smg-29	N3 / - rapporteur: HAN, Seung Don MCC: HAN, Seung Don remarks - this release:	KT Freetel Co., Ltd.
<i>history (event, available, version, comments, hyperlink):</i> smg-29 1999-06-25 7 . 0 . 0 <a href="#">get it</a>			
<b>TR 03.47</b> R98	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b> WG (prime / G: yes U: freeze_meeting: SP-08	T2 / - rapporteur: RODERMUND, Friedhelm MCC: RODERMUND, Friedhelm remarks - this release:	RODERMUND, Friedhelm Vodafone D2 GmbH
<i>history (event, available, version, comments, hyperlink):</i> smg-29 1999-06-25 7 . 0 . 0 <a href="#">get it</a>			

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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 / T3 / - rapporteur: BARNES, Nigel  
G: yes U: RODERMUND, Friedhelm  
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

[get it](#)  
[get it](#)

## 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 / T2 / - rapporteur: RODERMUND, Friedhelm  
G: yes U: RODERMUND, Friedhelm  
MCC: Vodafone D2 GmbH  
remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## 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 / 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

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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 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R98  
current version: 7.1.1  
freeze\_meeting: smg-29

remarks - general:

G1 / - rapporteur: GIRAUD, Alexis  
USAI, Paolino  
MCC: #28: 7.0.0 #29: 7.1.0

ALCATEL S.A.

remarks - this release:

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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[get it](#)  
[get it](#)  
[get it](#)

## TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general: Mar00: prime responsibility txfrd to SMG11

S4 / NP / S2 rapporteur: FAUCONNIER, Denis  
NORTEL NETWORKS (EUROPE)

WG (prime / G: yes U:

USAI, Paolino

MCC: #25: 7.0.0

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1

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[get it](#)

## TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

HAN, Seung Don

MCC: #29: 7.0.0

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 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)

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## TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R98 WG (prime) / S2 / - rapporteur: ROBERTS, Martin Nortel  
G: yes U: BOSWARTHICK, David  
freeze\_meeting: smg-29 #27: for info #28: 7.0.0 #29: 7.1.0  
remarks - general: *remarks - this release:*

*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

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## TS 03.57 Mobile Station Application Execution Environment (MExE); Functional description; Stage 2

R98 WG (prime) / T2 / - rapporteur: BRENK, Lars TTP Communications plc  
G: yes U: RODERMUND, Friedhelm  
freeze\_meeting: smg-29 #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one  
remarks - general: *remarks - this release:* at TSG#6. TSG#7: 7.2.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
TP-06 1999-12-15 7 . 1 . 0 [get it](#)  
TP-07 2000-03-15 7 . 2 . 0 [get it](#)

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## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R98 WG (prime) / S4 / - rapporteur: MONFORT, Jean-Yves France Telecom  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29 #29: 7.0.0  
remarks - general: *remarks - this release:*

*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 03.60** General Packet Radio Service (GPRS); Service description; Stage 2  
R98 WG (prime /  
freeze\_meeting: smg-29 G: yes U:

S2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd  
MCC: BOSWARTHICK, David

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1998-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
ETSI publication 2000-01-20 7 . 1 . 1 [get it](#)  
SP-05 1999-10-08 7 . 2 . 0 [get it](#)  
SP-06 1999-12-15 7 . 3 . 0 [get it](#)  
ETSI publication 2000-07-07 7 . 3 . 1 [get it](#)  
SP-07 2000-03-15 7 . 4 . 0 [get it](#)  
ETSI publication 2000-09-22 7 . 4 . 1 [get it](#)  
SP-09 2001-02-01 7 . 5 . 0 [get it](#)  
SP-11 2001-04-19 7 . 6 . 0 [get it](#)  
SP-12 2001-06-29 7 . 7 . 0 [get it](#)  
SP-14 2002-01-08 7 . 8 . 0 [get it](#)  
edito 7 . 8 . 1  
SP-17 2002-10-02 7 . 9 . 0 [get it](#)

**TS 03.63** Packet Data on Signalling channels service (PDS) Service description, Stage 2  
R98 WG (prime /  
freeze\_meeting: smg-29 G: yes U:

N1 / - rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
MCC: JURISIC, Andrijana

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-31 2000-02-16 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 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

WG (prime / G1 / - / -)  
G: yes U: LEPPISAARI, Aito NOKIA Corporation  
USAI, Paolino

rapporteur: LEPPISAARI, Aito  
MCC: USAI, Paolino

remarks - general:  
freeze\_meeting: smg-29  
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

[get it](#)  
[get it](#)

## TS 03.66 Support of GSM Mobile Number Portability (MNP); Stage 2

WG (prime / N4 / - / -)  
G: yes U: LOPEZ SORIA, Luis Telefon AB LM Ericsson  
KYMALAINEN, Kimmo

rapporteur: LOPEZ SORIA, Luis  
MCC: KYMALAINEN, Kimmo  
#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

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  
ETSI publication 2000-10-10 7 . 3 . 1

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[get it](#)  
[get it](#)  
[get it](#)

## TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

WG (prime / N4 / - / -)  
G: yes U: SCHMITT, Peter SIEMENS AG  
KYMALAINEN, Kimmo

rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo

remarks - general:  
freeze\_meeting: smg-29  
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

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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 / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: MCC: 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

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[get it](#)  
[get it](#)  
[get it](#)

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R98 current version: 7.3.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / N1 / - rapporteur: M\* NNING, Dirk

G: yes U: MCC: 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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## 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 / N3 / - rapporteur: HAN, Seung Don

G: yes U: MCC: 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

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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 /

G:yes U:

S2 / -

rapporteur: BROOK, Richard  
MCC: BOSWARTHICK, David

NORTEL NETWORKS (EUROPE)

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 1 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
SA2-06 1999-07-30 7 . 2 . 0 [get it](#)  
edito 1999-12-29 7 . 2 . 1 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)  
smg-31b 2000-04-17 7 . 4 . 0 [get it](#)  
SP-11 2001-04-11 7 . 5 . 0 [get it](#)  
SP-12 2001-06-29 7 . 6 . 0 [get it](#)  
SP-13 2001-10-15 7 . 7 . 0 [get it](#)  
SP-14 2002-01-07 7 . 8 . 0 [get it](#)  
SP-15 2002-04-02 7 . 9 . 0 [get it](#)  
SP-16 2002-06-17 7 . 10 . 0 [get it](#)  
SP-24 2004-06-23 7 . 11 . 0 [get it](#)

## TS 03.72 Call Deflection stage 2

R98  
current version: 7.1.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /

G:yes U:

N4 / -

rapporteur: VACANT,  
MCC: 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 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)  
NP-05 1999-10-08 7 . 1 . 0 [get it](#)

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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 / N4 / -  
G: yes U: )  
rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
MCC: KYMALAINEN, Kimmo  
#27: for info  
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](#)

## 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 / N4 / -  
G: yes U: )  
rapporteur: LANTELME, Isabelle ALCATEL S.A.  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI publication 1999-08-16 7 . 0 . 1 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
NP-05 1999-10-13 7 . 2 . 0 [get it](#)  
NP-07 2000-03-17 7 . 3 . 0 [get it](#)  
NP-08 2000-06-23 7 . 4 . 0 [get it](#)  
NP-10 2001-01-04 7 . 5 . 0 [get it](#)  
NP-12 2001-07-02 7 . 6 . 0 [get it](#)  
visible figures 2001-07-04 7 . 6 . 1 [get it](#)  
NP-14 2002-01-04 7 . 7 . 0 [get it](#)  
NP-16 2002-06-17 7 . 8 . 0 [get it](#)  
Editorial 2002-08-21 7 . 8 . 1 [get it](#)  
correction to

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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 Routing phase 1; Stage 2

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

WG (prime / N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: KYMALAINEN, Kimmo  
MCC: #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0  
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

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[get it](#)  
[get it](#)  
[get it](#)

## TS 03.81 Line Identification Supplementary Services; Stage 2

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: KYMALAINEN, Kimmo  
MCC: #28: 7.0.0  
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

[get it](#)  
[get it](#)

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: KYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 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)

**TS 03.83** Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2  
R98 WG (prime /  
G: yes U:

N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
MCC: KYMALAINEN, Kimmo  
#29: 7.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

**TS 03.84** Multi Party (MPTY) Supplementary Services; Stage 2

R98 WG (prime /  
G: yes U:

N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG  
MCC: KYMALAINEN, Kimmo  
#29: 7.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

**TS 03.85** Closed user Group (CUG) Supplementary Services; Stage 2

R98 WG (prime /  
G: yes U:

N4 / - rapporteur: WIEHE, Ulrich Gesellschaft f. r. Kommunikations Software  
MCC: KYMALAINEN, Kimmo  
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

# 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 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R98  
WG (prime / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
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

[get it](#)  
[get it](#)

## TS 03.87 User-to-user signalling (UUS); Stage 2

R98  
WG (prime / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #28: 7.0.0  
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  
ETSI publication 1999-12-17 7 . 0 . 2

[get it](#)  
[get it](#)  
[get it](#)

## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R98  
WG (prime / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #29: 7.0.0  
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

# 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 03.90 Unstructured Supplementary Service Data (USSD)

current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: CHOTAI, Sunil

MCC: KYMALAINEN, Kimmo

mm02 plc

remarks - this  
release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service, Stage 2

current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS), Stage 2

current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release: #29: 7.0.0

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

# 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 03.96 Name Identification Supplementary Services; Stage 2

R98  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / G: yes U: )  
N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
#29: 7.0.0  
remarks - this release:  
Gesellschaft für Kommunikations Software

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 03.97 Multiple subscriber Profile (MSP); Stage 2

R98  
current version: 7.2.0  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / G: yes U: )  
N4 / -  
rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
#29: 7.0.0  
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

[get it](#)  
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[get it](#)  
[get it](#)

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

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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

R98  
WG (prime) / N1 / -  
current version: 7.0.0  
freeze\_meeting: smg-29

rappporteur: ANDERSEN, Niels  
Peter Skov  
MOTOROLA A/S

MCC: JURISIC, Andrijana

#29: 7.0.0

remarks - this release:

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

R98  
WG (prime) / N1 / -  
current version: 7.0.0  
freeze\_meeting: smg-29

rappporteur: ANDERSEN, Niels  
Peter Skov  
MOTOROLA A/S

MCC: JURISIC, Andrijana

#29: 7.0.0

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R98  
WG (prime) / G2 / -  
current version: 7.0.0  
freeze\_meeting: smg-29

rappporteur: ANDERSEN, Niels  
Peter Skov  
MOTOROLA A/S

MCC: THOMASEN, Gert

remarks - this release:

remarks - general:

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

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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 /  
G: yes U:

G2 / -

rapporteur: ISAACS, Ken  
MCC: THOMASEN, Gert

SIEMENS AG

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 /  
G: yes U:

G2 / -

rapporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

MOTOROLA A/S

remarks - this  
release:

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](#)  
smg-31 2000-02-16 7 . 1 . 0 [get it](#)  
Editorial correction 2000-03-16 7 . 1 . 1 [get it](#)  
ETSI publication 2000-09-22 7 . 1 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime) / G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

freeze\_meeting: smg-29

G: yes U:

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

current version: 7.3.0

freeze\_meeting: smg-29

remarks - general:

WG (prime) / N1 / -

rapporteur: HOWELL, Andrew

JURISIC, Andrijana

MOTOROLA Ltd

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  
NP-05 1999-10-08 7 . 2 . 0  
NP-06 1999-12-15 7 . 3 . 0

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[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 04.08 Mobile radio interface layer 3 specification

current version: 7.21.0

freeze\_meeting: smg-29

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC:  
Gert Thomassen (even numbered CRs)

WG (prime /

G: yes U:

N1 / G2

MOTOROLA Ltd

rapporporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

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



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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

[get it](#)

## 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 / N4 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
KYMALAINEN, Kimmo  
MOTOROLA A/S

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 . 0 . 1  
NP-14 2002-01-10 7 . 1 . 0

[get it](#)  
[get it](#)  
[get it](#)

## 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 / 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-29 1999-06-25 7 . 0 . 0  
NP-09 2000-10-12 7 . 1 . 0

[get it](#)  
[get it](#)

## 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 / G2 / T2 rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

G: yes U: MCC: #29: 7.0.0  
remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

N1 / -  
rapporteur: DAWES, Peter

MCC: JURISIC, Andrijana

#29: 7.0.0

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

[get it](#)

[get it](#)

## 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 /  
G: yes U:

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

[get it](#)

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## 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 /  
G: yes U:

N3 / -  
rapporteur: RfSfNEN, Juha

MCC: HAN, Seung Don

#27: 7.0.0 TSG#8:7.1.0

remarks - this  
release:

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services  
R98 current version: Switching Centre (BSS - MSC) interface 7.1.0

-rapporteur: KLEHN, Norbert  
SIEMENS AG

freeze\_meeting: smg-29

remarks - general:

G: yes U:

HAN, Seung Don

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
ETSI publication 1999-08-31 7 . 0 . 1  
NP-06 1999-12-15 7 . 1 . 0

[get it](#)  
[get it](#)  
[get it](#)

**TS 04.30** Location Services (LCS); Supplementary service operations; Stage 3

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#7. txfrd to 3GPP for R99. 2001-12-13: G2->N4.

WG (prime /

N4 / -

rapporteur: Nortel Networks (USA)

GARAPATY, Sonia  
KYMALAINEN, Kimmo

MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30b 1999-12-06 7 . 0 . 1  
smg-31 2000-02-16 7 . 1 . 0  
SP-08 2000-06-21 7 . 2 . 0  
NP-14 2002-01-10 7 . 3 . 0

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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 (SMLC) Radio Resource LCS Protocol (RRLP)  
R98  
current version: 7.17.0  
freeze\_meeting: smg-29  
WG (prime / G2 / - rapporteur: GARAPATY, Sonia  
MCC: THOMASEN, Gert  
Nortel Networks (USA)  
remarks - general:  
remarks - this release:

## history (event, available, version, comments, hyperlink):

smg-30	1	.	0	.	0		<a href="#">get it</a>
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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 7.4.0

freeze\_meeting: smg-29

WG (prime /

G: yes U:

G2 / -

rapporporteur: GARAPATY, Sonia

MCC: THOMASEN, Gert

Nortel Networks (USA)

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

current version: 7.1.1

freeze\_meeting: smg-29

WG (prime /

G: yes U:

N1 / -

rapporporteur: HUPPERICH, Peter

MCC: JURISIC, Andrijana

ALCATEL S.A.

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

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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 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS supervising system Layer 3 Specification

R98 WG (prime) / N1 / - rapporteur: HUPPERICH, Peter ALCATEL S.A.  
G: yes U: JURISIC, Andrijana  
freeze\_meeting: smg-29 #28: 7.0.0  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	0	0	<a href="#">get it</a>
ETSI PE	1999-05-26	7	0	1	<a href="#">get it</a>
ETSI Vote	2000-05-22	7	0	2	<a href="#">get it</a>
ETSI publication	2000-09-05	7	0	3	<a href="#">get it</a>

## TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control (RLC/MAC) protocol

R98 WG (prime) / G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: THOMASEN, Gert  
freeze\_meeting: smg-29  
remarks - general: remarks - this release:

### 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>
smg-30b	1999-12-06	7	2	0	<a href="#">get it</a>
smg-31	2000-02-16	7	3	0	<a href="#">get it</a>
smg-32	2000-06-28	7	5	0	<a href="#">get it</a>
GP-01	2000-10-11	7	6	0	<a href="#">get it</a>
GP-02	2000-11-27	7	7	0	<a href="#">get it</a>
GP-03	2001-01-31	7	8	0	<a href="#">get it</a>
GP-04	2001-05-04	7	9	0	<a href="#">get it</a>
GP-10	2002-07-19	7	10	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R98 WG (prime) /

freeze\_meeting: smg-29

remarks - general:

N1 / - rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND

MCC: JURISIC, Andrijana

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

## TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R98 WG (prime) /

freeze\_meeting: smg-29

remarks - general:

N1 / - rapporteur: DOJG, Ian MOTOROLA S.A.S

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

SP-06 1999-12-15 7 . 2 . 0

smg-31 2000-02-16 7 . 3 . 0

NP-10 2001-01-02 7 . 4 . 0

NP-14 2002-01-04 7 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

R98  
WG (prime): 7.3.0  
freeze\_meeting: smg-29  
G: yes U:  
remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.  
N1 / -  
rapporteur: DOIG, Ian  
MCC: MOTOROLA S.A.S  
JURISIC, Andrijana  
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](#)  
post SP-06 1999-12-15 7 . 2 . 0 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)

## TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R98  
WG (prime): 7.0.1  
freeze\_meeting: smg-29  
G: yes U:  
N4 / -  
rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
#29: 7.0.0  
remarks - this release:

### 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](#)

## TS 04.68 Group Call Control (GCC) Protocol

R98  
WG (prime): 7.2.0  
freeze\_meeting: smg-29  
G: yes U:  
N1 / -  
rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana  
Nortel Networks (USA)  
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](#)  
NP-07 2000-03-15 7 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 /

G: yes U:

N1 / -

rapporporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana

Nortel Networks (USA)

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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[get it](#)

## 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 /

G: yes U:

G2 / -

rapporporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

MOTOROLA A/S

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 / N4 / - / rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
G: yes U: #27: for info #28: 7.0.0  
remarks - this  
release: remarks - this  
release:

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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[get it](#)

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R98  
WG (prime / N4 / - / rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
G: yes U: #27: for info #28: 7.0.0  
remarks - this  
release: 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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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 04.81 Line Identification Supplementary Services; Stage 3

R98  
WG (prime / N4 / - / rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
G: yes U: #29: 7.0.0  
remarks - this  
release: remarks - this  
release:

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98  
current version: 7.0.2  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rappporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this  
release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
<to be defined> 1999-12-14 7 . 0 . 2

[get it](#)  
[get it](#)

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rappporteur: SHARP, Iain  
MCC: KYMALAINEN, Kimmo

NORTEL NETWORKS (EUROPE)

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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[get it](#)

## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rappporteur: HABERMANN, Steffen  
MCC: KYMALAINEN, Kimmo

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  
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)

## 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 /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r 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 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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 04.87 User-to-User Signaling (UUS) Supplementary Service; Stage 3

R98  
current version: 7.0.2  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release: #28: 7.0.0

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-16 7 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 7.0.0  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

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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 04.90 Unstructured Supplementary Service Data (USSD)

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

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  
ETSI Publication 2000-01-12 7 . 0 . 1

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[get it](#)

## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 current version: 7.0.0

freeze\_meeting: smg-29

remarks - general:

WG (prime /

G: yes U:

N4 / -

Gesellschaft f, r Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

#29: 7.0.0

remarks - this  
release:

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 /

G: yes U:

N4 / -

Gesellschaft f, r Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

#29: 7.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

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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 /

G: yes U:

G1 / -

rapporteur: JOKINEN, Harri  
MCC: USAI, Paolino

remarks - this  
release:

NOKIA MOBILE PHONES

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
GP-07 2002-01-04 7 . 2 . 0 [get it](#)

## 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 /

G: yes U:

G1 / -

rapporteur: S . BIRE, Benoit  
MCC: USAI, Paolino

NOKIA Corporation

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](#)  
smg-30b 1999-12-06 7 . 3 . 0 [get it](#)  
ETSI publication 2000-07-17 7 . 3 . 1 [get it](#)  
smg-31 2000-02-16 7 . 4 . 0 [get it](#)  
ETSI publication 2000-09-29 7 . 4 . 1 [get it](#)  
smg-31b 2000-04-17 7 . 5 . 0 [get it](#)  
ETSI publication 2000-10-17 7 . 5 . 1 [get it](#)  
GP-02 2000-11-24 7 . 6 . 0 [get it](#)  
edito 2000-11-30 7 . 6 . 1 [get it](#)  
edito 2001-04-20 7 . 6 . 2 [get it](#)  
GP-06 2001-10-01 7 . 7 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
R98 current version: 7.3.1  
freeze\_meeting: smg-29  
remarks - general:

G1	/ -	WG (prime / G: yes U:	rapporteur: S..BIRE, Benoit USAI, Paolino MCC: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0	NOKIA Corporation
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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](#)  
smg-31 1999-02-16 7 . 3 . 0 [get it](#)  
ETSI publication 2001-02-17 7 . 3 . 1 [get it](#)

**TS 05.04** Modulation  
R98 current version: 7.3.0  
freeze\_meeting: smg-29  
remarks - general:

G1	/ -	WG (prime / G: yes U:	rapporteur: S..BIRE, Benoit USAI, Paolino MCC: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0	NOKIA Corporation
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remarks - this release:

## history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-06-20 7 . 0 . 1 [get it](#)  
smg-30b 1999-12-06 7 . 1 . 0 [get it](#)  
ETSI publication 2000-06-20 7 . 1 . 1 [get it](#)  
GP-03 2001-02-15 7 . 2 . 0 [get it](#)  
GP-05 2001-06-29 7 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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

remarks - general:

WG (prime / G:yes U:)

G1 / -

rapporteur: SAMUELSSON, Mats

USAI, Paolino

Telefon AB LM Ericsson

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	
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

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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

current version: 7.7.0

freeze\_meeting: smg-29

remarks - general:

WG (prime / G:yes U: )  
G1 / -  
rapporteur: EL-SAIGH, Amer  
MCC: USAI, Paolino  
VODAFONE Group Plc  
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		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

[get it](#)

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[get it](#)

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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** **G1 / -** **rapporteur:** ANDERSEN, Niels **MOTOROLA A/S**  
R98 **WG (prime /** **Peter Skov**  
**freeze\_meeting:** smg-29 **USAI, Paolino**  
**G: yes U:** **MCC:**

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-24 7 . 0 . 1 [get it](#)  
ETSI publication 1999-12-16 7 . 0 . 2 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
smg-31 1999-02-16 7 . 2 . 0 [get it](#)  
ETSI publication 2000-10-05 7 . 2 . 1 [get it](#)  
smg-32 2000-06-28 7 . 3 . 0 [get it](#)  
GP-02 2000-09-01 7 . 4 . 0 [get it](#)  
GP-03 2001-02-15 7 . 5 . 0 [get it](#)  
remove revision 2001-07-31 7 . 5 . 1 [get it](#)  
marks  
GP-06 2001-10-01 7 . 6 . 0 [get it](#)  
GP-07 2002-01-04 7 . 7 . 0 [get it](#)

**TS 05.10** **Radio subsystem synchronization** **G1 / -** **rapporteur:** JOKINEN, Harri **NOKIA MOBILE PHONES**  
R98 **WG (prime /** **USAI, Paolino**  
**freeze\_meeting:** smg-29 **GERAN#2:7.4.0**  
**G: yes U:**

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
ETSI publication 1999-12-14 7 . 1 . 1 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)  
smg-31b 2000-04-17 7 . 3 . 0 [get it](#)  
ETSI publication 2000-10-17 7 . 3 . 1 [get it](#)  
GP-02 2000-11-24 7 . 4 . 0 [get it](#)

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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 05.14 Release independent frequency bands; Implementation guidelines

WG (prime / G: yes U:  
freeze\_meeting: smg-29

G1 / G2 rapporteur: KANGAS, Antti  
MCC: USAI, Paolino

remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
GERAN#2:7.0.0

NOKIA Corporation

history (event, available, version, comments, hyperlink):

GP-02 2001-01-05 7 . 0 . 0 [get it](#)  
GP-05 2001-06-29 7 . 1 . 0 [get it](#)  
GP-10 2002-07-19 7 . 2 . 0 [get it](#)

## TR 05.22 Radio link management in hierarchical networks

current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / G: yes U:

G1 / - rapporteur: VAN BUSSEL, Han  
MCC: USAI, Paolino

T-Mobile International AG

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to 2000-03-30 7 . 0 . 0 [get it](#)  
Release 98

## TR 05.50 Background for RF Requirements

current version: 7.4.0  
freeze\_meeting: smg-29

WG (prime / G: yes U:

G1 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
MCC: USAI, Paolino

MOTOROLA A/S

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 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
smg-30 1999-11-11 7 . 2 . 0 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)  
smg-31b 2000-04-17 7 . 4 . 0 [get it](#)

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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

R98 WG (prime / G1 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
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 [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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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R98 WG (prime / G1 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
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 [get it](#)

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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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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

current version: 7.0.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:  
S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
#28: 7.0.0  
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 06.02 Half Rate Speech Processing Functions

current version: 7.0.2  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:  
S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
#28: 7.0.0  
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

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[get it](#)

## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:  
S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
#29: 7.0.0  
remarks - this  
release:

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)

## TS 06.07 Half Rate Speech; Test Sequence for GSM Half Rate Speech Codec

WG (prime /  
G: yes U:

MOTOROLA Ltd

rappporteur: AFTELAK, Steve  
USAI, Paolino

S4 / -

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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[get it](#)

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime /  
G: yes U:

T-MOBILE DEUTSCHLAND

rappporteur: SALEM, Tarek  
USAI, Paolino

S4 / -

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 06.10 Full Rate Speech Transcoding

current version: 7.2.0  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:  
S4 / - 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 [get it](#)  
ETSI OAP 1999-07-28 7 . 0 . 1 [get it](#)  
ETSI publication 1999-12-14 7 . 0 . 2 [get it](#)  
inclusion of zip files 2000-03-29 7 . 0 . 3 [get it](#)  
inclusion of doc 2000-05-31 7 . 0 . 4 [get it](#)  
file (!)  
smg-32 2000-06-20 7 . 1 . 0 [get it](#)  
SP-12 2001-06-29 7 . 2 . 0 [get it](#)

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:  
S4 / - rapporteur: NAVARRO, William  
USAI, Paolino  
MCC: #29: 7.0.0  
NORTEL NETWORKS (EUROPE)  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-12-29 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)

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R98  
WG (prime / G: yes U: )  
S4 / -  
current version: 7.1.0  
freeze\_meeting: smg-29  
SERENO, Daniele  
USAI, Paolino  
TELECOM ITALIA S.p.A.  
rapporteur: #29: 7.0.0  
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  
SP-12 2001-06-29 7 . 1 . 0

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[get it](#)  
[get it](#)

## TS 06.20 Half Rate Speech Transcoding

R98  
WG (prime / G: yes U: )  
S4 / -  
current version: 7.0.1  
freeze\_meeting: smg-29  
AFTELAK, Steve  
USAI, Paolino  
MOTOROLA Ltd  
rapporteur: #29: 7.0.0  
MCC:  
remarks - this release:

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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[get it](#)

## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

R98  
WG (prime / G: yes U: )  
S4 / -  
current version: 7.0.1  
freeze\_meeting: smg-29  
AFTELAK, Steve  
USAI, Paolino  
MOTOROLA Ltd  
rapporteur: #29: 7.0.0  
MCC:  
remarks - this release:

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 /  
G: yes U:

S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd  
#29: 7.0.0

remarks - this  
release:

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 /  
G: yes U:

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.  
#29: 7.0.0

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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[get it](#)

## TS 06.32 Voice Activity Detection (VAD)

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: BARRETT, Paul  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new  
One  
#29: 7.0.0

remarks - this  
release:

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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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 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

WG (prime) /  
G: yes U:

TELECOM ITALIA S.p.A.

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino

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 2000-01-20 7 . 0 . 1

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[get it](#)

## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

WG (prime) /  
G: yes U:

S4 / - rapporteur: BARRETT, Paul

Indicate persons who left Company and wait for new  
One

freeze\_meeting: smg-29

remarks - this  
release: #29: 7.0.0

MCC: USAI, Paolino

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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[get it](#)

## TS 06.51 GSM Enhanced full rate speech processing functions: General description

WG (prime) /  
G: yes U:

S4 / - rapporteur: JfRVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

freeze\_meeting: smg-29

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 /  
G: yes U:  
freeze\_meeting: smg-29

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
NOKIA Corporation

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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[get it](#)

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
NOKIA Corporation

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  
SP-10 2000-12-20 7 . 2 . 0

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[get it](#)  
[get it](#)

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

S4 / - rapporteur: SALEM, Tarek  
USAI, Paolino  
T-MOBILE DEUTSCHLAND

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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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 /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
MCC: 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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[get it](#)

## 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:

WG (prime /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

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 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

NOKIA Corporation

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 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.71</b> R98	<b>Adaptive Multi-Rate speech processing functions; General description</b> WG (prime / G: yes U: freeze_meeting: smg-29 remarks - general: SMG11->S4 at SMG#30	S4 / - rapporteur: USAI, Paolino MCC: USAI, Paolino #28: 7.0.0 remarks - this release:	TELECOM ITALIA S.p.A.
<i>history (event, available, version, comments, hyperlink):</i> smg-28 1999-02-12 7 . 0 . 0 ETSI Publication 1999-12-16 7 . 0 . 2 <a href="#">get it</a> <a href="#">get it</a>			
<b>TS 06.73</b> R98	<b>Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec</b> WG (prime / G: yes U: freeze_meeting: smg-29 remarks - general: SMG11->S4 at SMG#30	S4 / - rapporteur: USAI, Paolino MCC: USAI, Paolino #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 remarks - this release:	TELECOM ITALIA S.p.A.
<i>history (event, available, version, comments, hyperlink):</i> 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 <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>			

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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

R98 WG (prime / G: yes U:  
freeze\_meeting: smg-29

S4 / - rapporteur: EKUDDEN, Erik  
MCC: USAI, Paolino  
Telefon AB LM Ericsson

remarks - general: SMG11->S4 at SMG#30

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 2 . 0 . 0 [get it](#)

SP-06 1999-12-17 7 . 0 . 0 [get it](#)

corrected test 2000-02-04 7 . 0 . 1 [get it](#)

vectors

corrected test 2000-09-14 7 . 0 . 2 [get it](#)

vectors

ETSI publication 2000-10-05 7 . 0 . 3 [get it](#)

SP-11 2001-04-10 7 . 1 . 0 [get it](#)

corrected tests 2001-07-04 7 . 1 . 1 [get it](#)

SP-15 2002-03-28 7 . 2 . 0 [get it](#)

SP-16 2002-06-28 7 . 3 . 0 [get it](#)

## TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec

R98 WG (prime / G: yes U:  
freeze\_meeting: smg-29

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

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 [get it](#)

smg-30 1999-11-11 7 . 0 . 0 [get it](#)

SP-06 1999-12-17 7 . 1 . 0 [get it](#)

SP-07 2000-03-17 7 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime /  
G: yes U:  
freeze\_meeting: smg-29

S4 / - rapporteur: USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.

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 2002-01-15 7 . 0 . 2 [get it](#)  
figures

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R98 WG (prime /  
G: yes U:  
freeze\_meeting: smg-29

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino NOKIA Corporation

remarks - general:   
remarks - this #29: 7.0.0 #30: 7.1.0  
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](#)  
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 WG (prime /  
G: yes U:  
freeze\_meeting: smg-29

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino NOKIA Corporation

remarks - general:   
remarks - this #29: 7.0.0  
release:

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](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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  
WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29 MCC: #29: 7.0.0  
remarks - general: remarks - this release:

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 06.90 Adaptive Multi-Rate speech transcoding

R98  
WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29 MCC: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0  
remarks - general: SMG11->S4 at SMG#30

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  
ETSI Publication 2000-05-09 7 . 2 . 1

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[get it](#)  
[get it](#)  
[get it](#)

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## TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98  
WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-29 MCC: #28: 7.0.0 #30: 7.1.0  
remarks - general: SMG11->S4 at SMG#30

TELECOM ITALIA S.p.A.

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime / G: yes U:  
current version: 7.1.1  
freeze\_meeting: smg-29

S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
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 1999-12-17 7 . 1 . 1 [get it](#)

## TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

WG (prime / G: yes U:  
current version: 7.5.0  
freeze\_meeting: smg-29

S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
MCC: USAI, Paolino

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

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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 / S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: G: yes U: MCC: USAI, Paolino  
freeze\_meeting: smg-29 #28: 7.0.0 #29: 7.1.0  
remarks - general: SMG11->S4 at SMG#30  
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](#)  
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 / N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
G: yes U: G: yes U: MCC: HAN, Seung Don  
freeze\_meeting: smg-29  
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

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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) / N3 / -  
G: yes U: HUSLENDE, Ragnar Telefon AB LM Ericsson  
freeze\_meeting: smg-29 HAN, Seung Don  
remarks - general: #27: 7.0.0  
release: remarks - this

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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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R98  
WG (prime) / N3 / -  
G: yes U: HUSLENDE, Ragnar Telefon AB LM Ericsson  
freeze\_meeting: smg-29 HAN, Seung Don  
remarks - general: #29: 7.0.0  
release: remarks - this

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) / T2 / -  
G: yes U: HARRIS, Ian Research In Motion Limited  
freeze\_meeting: smg-29 RODERMUND, Friedhelm  
remarks - general: #29: 7.0.0  
release: remarks - this

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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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 /  
G: yes U:  
T2 / -  
rapporteur: VOTE, Nicola  
RODERMUND, Friedhelm  
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

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[get it](#)  
[get it](#)  
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## 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 /  
G: yes U:  
T2 / -  
rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
MCC:  
RODERMUND, Friedhelm  
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

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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) /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.

MCC: HAN, Seung Don

remarks - this #29: 7.0.0 TSG#5: 7.1.0 TSG#11: 7.2.0  
release:

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 current version: 7.0.0  
freeze\_meeting: smg-29

G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

MCC: THOMASEN, Gert

remarks - this  
release:

WG (prime) /

G: yes U:

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

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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 / G2 / - rapporteur: ANDERSEN, Niels  
current version: 7.0.0 Peter Skov  
freeze\_meeting: smg-29 THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R98 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
current version: 7.0.1 Peter Skov  
freeze\_meeting: smg-29 THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#)

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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 / G2 / - rapporteur: ANDERSEN, Niels  
current version: 7.0.1 Peter Skov  
freeze\_meeting: smg-29 THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MOTOROLA A/S  
MCC:  
G: yes U: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	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	2	0	<a href="#">get it</a>
smg-30	1999-11-11	7	3	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	4	0	<a href="#">get it</a>
smg-31b	2000-04-17	7	5	0	<a href="#">get it</a>
smg-31	2000-02-16	7	5	0	<a href="#">get it</a>
smg-32	2000-06-20	7	6	0	<a href="#">get it</a>
edito	2000-09-14	7	6	1	<a href="#">get it</a>
GP-01	2000-10-11	7	7	0	<a href="#">get it</a>

## 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 / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MOTOROLA A/S  
MCC:  
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>
ETSI Publication	1999-08-30	7	0	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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 08.16** General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service  
R98  
current version: 7.1.0  
freeze\_meeting: smg-29  
WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
MOTOROLA A/S

remarks - general:

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

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[get it](#)

**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  
freeze\_meeting: smg-29  
WG (prime / G2 / - rapporteur: BLACK, Jyoti  
THOMASEN, Gert  
MCC: THOMASEN, Gert  
MOTOROLA Ltd

remarks - general:

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  
smg-31 2000-02-16 7 . 3 . 0  
ETSI publication 2000-05-26 7 . 3 . 1  
GP-03 2001-01-31 7 . 4 . 0  
GP-05 2001-06-18 7 . 5 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

R98  
WG (prime) / N3 / -  
G: yes U: RfSfNEN, Juha HAN, Seung Don  
freeze\_meeting: smg-29  
MCC: NOKIA Corporation  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)  
NP-11 2001-04-04 7 . 1 . 0 [get it](#)

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## TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification

R98  
WG (prime) / G2 / -  
G: yes U: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-29  
MCC: MOTOROLA A/S  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30 1 . 0 . 0  
smg-30b 1999-12-06 7 . 0 . 1 [get it](#)  
GP-05 2001-06-18 7 . 1 . 0 [get it](#)

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## TS 08.51 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects

R98  
WG (prime) / G2 / -  
G: yes U: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-29  
MCC: MOTOROLA A/S  
remarks - general:  
remarks - this release:

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

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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 08.52 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles

R98  
WG (prime / G2 / -  
current version: 7.0.0  
freeze\_meeting: smg-29

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: MOTOROLA A/S

G: yes U:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R98  
WG (prime / G2 / -  
current version: 7.0.0  
freeze\_meeting: smg-29

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: MOTOROLA A/S

G: yes U:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 08.56 BSC-BTS Layer 2; Specification

R98  
WG (prime / G2 / -  
current version: 7.0.0  
freeze\_meeting: smg-29

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: MOTOROLA A/S

G: yes U:

remarks - general:

remarks - this  
release:

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

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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

WG (prime / G2 / -

current version: 7.4.1  
freeze\_meeting: smg-29

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

remarks - this release:  
#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.4.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	7	0	0	
smg-29	1999-06-25	7	1	0	<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

WG (prime / G1 / -

current version: 7.3.0  
freeze\_meeting: smg-29

rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

G: yes U:

remarks - this release:  
Ownership change

remarks - general:

2002-01-30 (GP chair, G1 secretary, G2 secretary)  
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

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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 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R98 WG (prime / G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze\_meeting: smg-29

G: yes U:

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-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>
smg-30b	1999-12-06	7	2	0	<a href="#">get it</a>
Edito	1999-12-15	7	2	1	<a href="#">get it</a>
GP-08	2002-02-19	7	3	0	<a href="#">get it</a>

## TS 08.62 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 current version: 7.1.1

freeze\_meeting: smg-29

remarks - general: SMG11->S4 at SMG#30

S4 / -

rapporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

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	<a href="#">get it</a>
SP-07	1999-03-15	7	1	0	<a href="#">get it</a>
edito	2000-08-09	7	1	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
freeze\_meeting: smg-29

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert

MOTOROLA AIS

G: yes U:

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	.	0	.	0
smg-30b	1999-12-06	7	.	1	.	0
edito	1999-12-31	7	.	1	.	1
smg-31	2000-02-16	7	.	2	.	0
smg-31b	2000-04-17	7	.	3	.	0
GP-02	2000-11-30	7	.	4	.	0
GP-06	2001-09-14	7	.	5	.	0
GP-07	2002-01-08	7	.	6	.	0

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## 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  
freeze\_meeting: smg-29

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB

MCC: KYMALAINEN, Kimmo

G: yes U:

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-25	7	.	0	.	0
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
MCC: Gesellschaft für Kommunikations Software

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>
NP-05	1999-10-08	7	2	0	<a href="#">get it</a>
NP-06	1999-12-13	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>
edito	2000-09-04	7	5	1	<a href="#">get it</a>
NP-09	2000-11-08	7	6	0	<a href="#">get it</a>
NP-10	2000-12-21	7	7	0	<a href="#">get it</a>
NP-11	2001-04-06	7	8	0	<a href="#">get it</a>
NP-12	2001-07-06	7	9	0	<a href="#">get it</a>
NP-14	2002-01-18	7	10	0	<a href="#">get it</a>
NP-15	2002-04-04	7	11	0	<a href="#">get it</a>
NP-18	2003-01-08	7	12	0	<a href="#">get it</a>
NP-19	2003-04-07	7	13	0	<a href="#">get it</a>
NP-21	2003-10-09	7	14	0	<a href="#">get it</a>
NP-23	2004-03-23	7	15	0	<a href="#">get it</a>

## TS 09.03

R98  
current version: Mobile Network (PLMN) / N3 / -rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
WG (prime / N3 / -rapporteur: HAN, Seung Don KT Freetel Co.,

freeze\_meeting: smg-29

remarks - general: N3: "no R99 needed".

G: yes U: HAN, Seung Don

remarks - this release: #29: 7.0.0

### 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

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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 / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
#29: 7.0.0  
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 / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
#29: 7.0.0  
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 09.06 Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services digital Network (PSPDN/ISDN) for Support of

R98  
current version: Packet Switched Data Transmission Services 7.0.0  
freeze\_meeting: smg-29  
remarks - general: N3: "no R99 needed".  
WG (prime / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
#29: 7.0.0  
remarks - this release: #29: 7.0.0

KT Freetel Co.,

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



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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

WG (prime) / N3 / -rporteur: BELLING, Thomas SIEMENS AG

freeze\_meeting: smg-29

G: yes U:

remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0

MCC: HAN, Seung Don

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](#)  
smg-29 1999-06-25 7 . 1 . 1 [get it](#)  
NP-06 1999-12-15 7 . 2 . 0 [get it](#)

**TS 09.08** Application of the Base Station System Application Part (BSSAP) on the E-interface  
R98

WG (prime) / N1 / - rporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh JURISIC, Andrijana

freeze\_meeting: smg-29

G: yes U:

remarks - this release: #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0

remarks - general:

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](#)  
NP-06 1999-12-13 7 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System (BSS - MCS) and Base Station System (BSS - MCS)**  
R98 *current version: Signalling 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

[get it](#)  
[get it](#)  
[get it](#)

**TS 09.11 Signalling Interworking for Supplementary Services**

R98 *current version:* 7.0.1

*freeze\_meeting:* smg-29

*remarks - general:*

WG (prime / G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

*remarks - this release:* #28: 7.0.0

Gesellschaft f, r Kommunikations Software

*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](#)

**TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

R98 *current version:* 7.0.0

*freeze\_meeting:* smg-29

*remarks - general:*

WG (prime / G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

*remarks - this release:*

Gesellschaft f, r 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

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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 09.14** 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

**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:

remarks - this release:

N1 / -  
rappporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

**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:

remarks - this release:

N1 / -  
rappporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

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

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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 / G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA AIS

MCC:

current version: 7.8.0

freeze\_meeting: smg-29

G: yes U:

remarks - general:

remarks - this release:

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	ETSI format only. Not for 3GPP use.
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>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

reporteur: KYMALAINEN, Kimmo TeliSonera.AB

MCC: KYMALAINEN, Kimmo

N4 / -

remarks - general:  
remarks - this release:  
G: yes U:

### 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	<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>

prob with figures. Expect an update.

G = required in systems with GERAN access; U = required in systems with UMTS

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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)**

*current version:* 7.10.0  
*freeze\_meeting:* smg-29

*WG (prime /*  
G: yes U:

N3 / -

*rapporporteur:* HUSLENDE, Ragnar

Telefon AB LM Ericsson

remarks - general:

HAN, Seung Don

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](#)  
NP-06 1999-12-15 7 . 2 . 0 [get it](#)  
NP-11 2001-04-04 7 . 3 . 0 [get it](#)  
NP-13 2001-10-12 7 . 4 . 0 [get it](#)  
NP-14 2002-01-14 7 . 5 . 0 [get it](#)  
NP-15 2002-03-20 7 . 6 . 0 [get it](#)  
NP-16 2002-07-02 7 . 7 . 0 [get it](#)  
NP-18 2003-01-09 7 . 8 . 0 [get it](#)  
NP-19 2003-03-27 7 . 9 . 0 [get it](#)  
NP-20 2003-06-23 7 . 10 . 0 [get it](#)

## TS 09.78 R98

**CAMEL Application Part phase 2 (stage 3)**

*current version:* 7.1.0  
*freeze\_meeting:* smg-29

*WG (prime /*  
G: yes U:

N4 / -

*rapporporteur:* NOLDUS, Rogier  
MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - general: NP-24: txferred to N4 on closure of N2.

remarks - this  
release:

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
NP-08 2000-06-21 7 . 1 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

R98  
current version: 7.0.1  
freeze\_meeting: smg-28

MOTOROLA A/S

rapporteur: ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana

WG (prime / N1 / -

G: yes U:

remarks - general:

remarks - this release: 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 to TR.

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## TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles

R98  
current version: 7.3.0  
freeze\_meeting: GP-04

MOTOROLA A/S

rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

G1 / -

G: yes U:

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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R98

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

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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)

<b>TS 10.00</b> R98	<b>Digital Cellular Telecommunication System Feature Description</b> WG (prime / G: yes U: current version: 7.1.0 freeze_meeting: smg-29 remarks - general:  history (event, available, version, comments, hyperlink): smg-26 1998-09-11 7 . 0 . 0 smg-27 7 . 1 . 0 Not available  <a href="#">get it</a>	S2 / - rapporteur: BERGMANN, Ansgar MCC: BOSWARTHICK, David #27: 7D1.0 remarks - this release:	Deutsche Telekom AG
<b>TS 10.56</b> R98	<b>Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1</b> WG (prime / G: yes U: current version: 7.0.0 freeze_meeting: smg-29 remarks - general:  history (event, available, version, comments, hyperlink): draft 1998-08-28 2 . 0 . 1 smg-27 2000-02-09 7 . 0 . 0  <a href="#">get it</a> <a href="#">get it</a>	S2 / - rapporteur: GALLIGO, Michel MCC: BOSWARTHICK, David remarks - this release:	ALCATEL S.A.
<b>TS 10.70</b> R98	<b>GSM Adaptive Multi-Rate Speech Codec (AMR): Project schedule and open issues for AMR</b> WG (prime / G: yes U: DRAFT current version: 0.2.1 freeze_meeting: smg-29 remarks - general:  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  <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	S4 / - rapporteur: VACANT, MCC: USAI, Paolino remarks - this release:	

G = required in systems with GERAN access; U = required in systems with UMTS



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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) /*

*freeze\_meeting: smg-29*

G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /

T2 /

SCP

G: yes U:

MCC: CLAYTON, Michael

*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:* #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 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
smg-31 2000-02-16 7 . 2 . 0 [get it](#)  
editorial correction 2000-02-16 7 . 2 . 1 [get it](#)  
GP-06 2001-09-06 7 . 3 . 0 [get it](#)

## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R98 *WG (prime) /*

*freeze\_meeting: smg-29*

T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED

G3new

G: yes U:

MCC: RODERMUND, Friedhelm

*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):*

GP-13 2003-02-21 7 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R98 WG (prime) / T3 / -  
G: yes U:

rapporteur: GUTHERY, Scott B.  
RODERMUND, Friedhelm

freeze\_meeting: smg-32

remarks - general:

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
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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[get it](#)  
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[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / T3 / - rapporteur: BEGASSAT, Axalto S.A.  
freeze\_meeting: SP-11 G: yes U: MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

T3-16	0	. 2	. 0		
TP-10	2001-01-11	1	. 0	. 0	
TP-11	2001-05-16	7	. 0	. 0	
edito	2002-08-08	7	. 0	. 1	
				7.0.0. had wrong date on cover page / formatting header	
TP-12	2001-07-12	7	. 1	. 0	
TP-13	2001-10-12	7	. 2	. 0	
TP-14	2002-02-01	7	. 3	. 0	
TP-15	2002-04-04	7	. 4	. 0	
edito post	TP-15	2002-04-12	7	. 4	. 1
edito post	TP-17	2002-09-18	7	. 4	. 2

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 / T3 / - rapporteur: DUBOIS, Christophe Axalto S.A.  
freeze\_meeting: smg-29 G: yes U: MCC: RODERMUND, Friedhelm

remarks - general:

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
smg-31	2000-02-16	7	. 4	. 0
smg-32	2000-06-28	7	. 5	. 0
TP-09	2000-10-18	7	. 6	. 0
TP-12	2001-07-06	7	. 7	. 0

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 7.0.2  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / T3 / - rapporteur: SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
G: yes U: RODERMUND, Friedhelm  
MCC:  
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  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / T3 / - rapporteur: LINDHOLM, Rune NOKIA Corporation  
G: yes U: RODERMUND, Friedhelm  
MCC: #25: 1.0.0 #28: 7.0.0  
remarks - this release:

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  
current version: 7.0.3  
freeze\_meeting: smg-29  
remarks - general:  
WG (prime / T3 / - rapporteur: HUBBE, Pascal ALCATEL S.A.  
G: yes U: RODERMUND, Friedhelm  
MCC: #28: 7.0.0  
remarks - this release:

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

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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 /  
G: yes U:

freeze\_meeting: smg-29

remarks - general:

G1 / - rapporteur: VACANT.  
MCC: USAI, Paolino

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 /  
G: yes U:

freeze\_meeting: smg-29

remarks - general:

G1 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
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 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)

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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:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

**TS 12.04** **Performance data measurements**  
R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-30 1999-11-11 7 . 0 . 0

**TS 12.05** **Subscriber Related Call and Event Data**  
R98  
current version: 7.0.1  
freeze\_meeting: smg-29

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-08-17 7 . 0 . 1

WG (prime / S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
G: yes U: NP  
MCC: ZOICAS, Adrian  
remarks - this release:

[get it](#)  
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WG (prime / S5 / S1 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
G: yes U: NP  
MCC: ZOICAS, Adrian  
remarks - this release:

[get it](#)

WG (prime / S5 / S1 / rapporteur: ALEXANDER, Benni NOKIA Corporation  
G: yes U: NP  
MCC: ZOICAS, Adrian  
remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

S5 / - 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 [get it](#)  
smg-28 1999-02-12 7 . 1 . 0 [get it](#)  
smg-29 1999-06-25 7 . 2 . 0 [get it](#)  
smg-30 1999-11-11 7 . 3 . 0 [get it](#)  
SP-06 7 . 4 . 0  
SP-07 2000-03-15 7 . 5 . 0 [get it](#)  
SP-08 2000-06-21 7 . 6 . 0 [get it](#)  
SP-18 2003-01-07 7 . 7 . 0 [get it](#)

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

remarks - general: SP-13: S5->G3 but no change of rapporteur.

WG (prime /  
G: yes U:

G1 / S5 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 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
remarks - general: TSG#11:S5 will no longer maintain.

WG (prime / G-.yes U):  
S5 / -  
rapporteur: GARAPATY, Sonia  
MCC: ZOICAS, Adrian  
Nortel Networks (USA)  
Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.  
remarks - this release:

### 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

R97  
*WG (prime / freeze\_meeting):* 6.0.0  
G: yes U:  
*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

SP / -  
*rapporteur:* MEREDITH, John M ETSI Secretariat  
*MCC:* POPE, Maurice

*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)

R97  
*current version:* 6.0.1  
*freeze\_meeting:* smg-26

S1 / GP / NP  
*rapporteur:* CLAYTON, Michael EMCOM Ltd  
*MCC:* CLAYTON, Michael

*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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[get it](#)

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## TR 01.04 Abbreviations and acronyms

R97  
*current version:* 6.0.0  
*freeze\_meeting:* smg-26

GP / -  
*rapporteur:* CLAYTON, Michael EMCOM Ltd  
*MCC:* USAI, Paolino

*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

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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 /  
G: yes U:

S1 / -

rapporporteur: MEYER, Juergen  
MCC: CLAYTON, Michael

SIEMENS AG  
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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[get it](#)

## TR 01.60 GPRS requirements

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rapporporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

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## TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S3 / -

rapporporteur: WALKER, Michael  
MCC: POPE, Maurice

VODAFONE Group Plc  
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)

## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R97 WG (prime) / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: CLAYTON, Michael 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 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)  
smg-29 1999-06-26 6 . 2 . 0 [get it](#)

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R97 WG (prime) / S1 / - rapporteur: CARPENTER, Paul  
G: yes U: CLAYTON, Michael Research In Motion Limited

freeze\_meeting: smg-26

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)  
Editorial correction 1999-02-12 6 . 1 . 1 [get it](#)

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R97 WG (prime) / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: CLAYTON, Michael 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 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / - rapporteur: CARPENTER, Paul  
G: yes U: CLAYTON, Michael  
Research In Motion Limited  
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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[get it](#)  
[get it](#)

## TS 02.06 Types of Mobile Stations (MS)

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S1 / - rapporteur: WATSON, John  
G: yes U: CLAYTON, Michael  
VODAFONE Group Plc  
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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[get it](#)  
[get it](#)

## TS 02.07 Mobile Station (MS) Features

R97  
current version: 6.2.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S1 / - rapporteur: WATSON, John  
G: yes U: CLAYTON, Michael  
VODAFONE Group Plc  
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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

<b>TS 02.09</b> R97	<b>Security aspects</b> current version: 6.1.1 freeze_meeting: smg-26	WG (prime / G: yes U:	S3 / S1 / NP	rapporteur: MCC:	CHRISTOFFERSSON, TeliSonera.AB Per POPE, Maurice
remarks - general:					
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					
<b>TS 02.11</b> R97	<b>Service accessibility</b> current version: 6.1.0 freeze_meeting: smg-26	WG (prime / G: yes U:	S1 / -	rapporteur: MCC:	IBIDUN, Kunle CLAYTON, Michael ORANGE SA
remarks - general:					
history (event, available, version, comments, hyperlink): smg-26 1998-06-26 6 . 0 . 0 SP-11 2001-04-02 6 . 1 . 0					
<b>TS 02.16</b> R97	<b>International Mobile Station Equipment Identities (IMEI)</b> current version: 6.2.0 freeze_meeting: smg-26	WG (prime / G: yes U:	S1 / -	rapporteur: MCC:	KOKKOLA, Tommi CLAYTON, Michael NOKIA Corporation
remarks - general:					
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					

G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.17 Subscriber Identity Module (SIM); Functional characteristics

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

T3 / S1

rapporteur: HOOKER, Philip  
MCC: RODERMUND, Friedhelm  
ORANGE PCS LTD

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## TS 02.22 Stage 1 for personalisation of GSM ME

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S1 /

rapporteur: POIRAUD, Patrick  
MCC: CLAYTON, Michael  
ALCATEL S.A.

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## TS 02.24 Description of Charge Advice Information (CAI)

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S1 /

rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
Nortel Networks (USA)

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / rapporteur: JEAL, David

G: yes U: / MCC: CLAYTON, Michael

VODAFONE Group Plc

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

[get it](#)  
[get it](#)  
[get it](#)

## 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 / S1 / rapporteur: KOKKOLA, Tommi

G: yes U: / MCC: CLAYTON, Michael

NOKIA Corporation

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 02.40 Procedures for Call Progress Indications

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S1 / NP rapporteur: DEOL, Amar

G: yes U: / MCC: 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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: yes U:

S1 /

VODAFONE Group Plc

WATSON, John

CLAYTON, Michael

rapporporteur:

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## 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 /

G: yes U:

S1 /

EMCOM Ltd

CLAYTON, Michael

CLAYTON, Michael

rapporporteur:

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## 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 /

G: yes U:

T3 / S3

MOTOROLA Ltd

BARNES, Nigel

RODERMUND, Friedhelm

rapporporteur:

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



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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 /  
G: yes U:

S4 / NORTEL NETWORKS (EUROPE)

rappporteur: NAVARRO, William  
MCC: USAI, Paolino

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 /  
G: yes U:

S1 / -  
rappporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael  
remarks - this  
release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 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  
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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[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S1 / - rapporteur: HECHWARTNER, Roland  
G: yes U: MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## 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 / S1 / - rapporteur: SWETINA, Joerg  
G: yes U: MCC: CLAYTON, Michael  
remarks - this release:

SIEMENS AG

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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[get it](#)  
[get it](#)  
[get it](#)

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S1 / - rapporteur: CLAYTON, Michael  
G: yes U: MCC: CLAYTON, Michael  
remarks - this release:

EMCOM Ltd

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: S1 / - rapporteur: CLAYTON, Michael  
EMCOM Ltd  
MCC: CLAYTON, Michael  
#27: 6.0.0  
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

[get it](#)  
[get it](#)

## 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 /  
G: yes U: S1 / - rapporteur: GRECH, Michel  
Lucent Technologies Network Systems UK  
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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rappporteur: 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

[get it](#)

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## TS 02.81 Line Identification Supplementary Services; Stage 1

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rappporteur: 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

[get it](#)

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rappporteur: 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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:  
freeze\_meeting: smg-26

S1 / -  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
#27: 6.0.0  
EMCOM Ltd  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

---

## TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

R97  
WG (prime /  
G: yes U:  
freeze\_meeting: smg-26

S1 / -  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
#27: 6.0.0  
SIEMENS AG  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

R97  
WG (prime /  
G: yes U:  
freeze\_meeting: smg-26

S1 / -  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
#27: 6.0.0  
TeliaSonera AB  
remarks - this  
release:

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

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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 /  
G: yes U:

S1 / -

rapporteur: DEOL, Amar  
MCC: CLAYTON, Michael  
#27: 6.0.0  
remarks - this  
release:

Nortel Networks (USA)

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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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 /  
G: yes U:

S1 / -

rapporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael  
#27: 6.0.0  
remarks - this  
release:

T-Mobile International AG

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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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 /  
G: yes U:

S1 / -

rapporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael  
#27: 6.0.0  
remarks - this  
release:

NOKIA Corporation

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

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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 /

G: yes U:

S1 / -

rapporteur: SWETINA, Joerg

MCC: CLAYTON, Michael

SIEMENS AG

#27: 6.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 02.93 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 /

G: yes U:

S1 / -

rapporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

EMCOM Ltd

#25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1

remarks - this  
release:

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](#)

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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 /

G: yes U:

S1 / -

rapporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

EMCOM Ltd

#27: 6.0.0

remarks - this  
release:

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

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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 /  
G: yes U:  
S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
MCC: CLAYTON, Michael  
#25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

## 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

R97

Network Functions  
current version: 6.1.0  
freeze\_meeting: smg-26  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime /  
G: yes U:  
S2 / NP rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
MCC: BOSWARTHICK, David  
#27: 6.0.0 #28: 6.1.0  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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)

<b>TS 03.02</b> R97	<b>Network Architecture</b> current version: 6.1.0 freeze_meeting: smg-26	WG (prime / G: yes U:	S2 / NP / T2	rappporteur: MILINSKI, Alexander MCC: BOSWARTHICK, David #25: 6.0.0 #26: 6.1.0	SIEMENS AG
remarks - general:					
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>					
<b>TS 03.03</b> R97	<b>Numbering, Addressing and Identification</b> current version: 6.8.0 freeze_meeting: smg-26	WG (prime / G: yes U:	N4 / T2	rappporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD
remarks - general:					
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-28 1999-02-12 6 . 2 . 0 <a href="#">get it</a> smg-29 1999-06-25 6 . 3 . 0 <a href="#">get it</a> NP-05 1999-10-14 6 . 4 . 0 <a href="#">get it</a> NP-07 2000-03-17 6 . 5 . 0 <a href="#">get it</a> NP-08 2000-06-28 6 . 6 . 0 <a href="#">get it</a> NP-16 2002-06-26 6 . 7 . 0 SA did not approve companion CRs to 02.16. <a href="#">get it</a> NP-21 2003-10-09 6 . 8 . 0 <a href="#">get it</a>					

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

NP / -

rapporteur: BOSWARTHICK, David ETSI Secretariat

MCC: BOSWARTHICK, David

#27: 6.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 03.07 Restoration Procedures

current version: 6.2.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: PARK, Ian David VODAFONE LTD

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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[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG

MCC: KYMALAINEN, Kimmo

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 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)  
NP-07 2000-03-15 6 . 4 . 0 [get it](#)  
NP-09 2000-10-31 6 . 5 . 0 [get it](#)  
NP-20 2003-06-27 6 . 6 . 0 [get it](#)

## TS 03.09 Handover Procedures

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

N1 / - rapporteur: FARHOUJMAND, Ericsson Incorporated

MCC: Rouzbeh 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

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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 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

MCC: HAN, Seung Don

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-18 6 . 0 . 0

[get it](#)

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

N4 / - rapporteur: HABERMANN, Steffen  
T-Mobile International AG

MCC: KYMALAINEN, Kimmo

#27: 6.0.0

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

[get it](#)

[get it](#)

## TS 03.12 Location Registration Procedures

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB

MCC: KYMALAINEN, Kimmo

#27: 6.0.0

remarks - this  
release:

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

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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 /  
G: yes U:

G1 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
#27: 6.0.0  
TELECOM ITALIA S.p.A.  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

N1 / - rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
#27: 6.0.0  
SIEMENS AG  
remarks - this  
release:

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 /  
G: yes U:

N4 / - rapporteur: PARK, Ian David  
MCC: Chalmers  
KYMALAINEN, Kimmo  
#26: 6.0.0 SMG#29: 6.1.0  
VODAFONE LTD  
remarks - this  
release:

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

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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 / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
MCC: #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  
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-09	2000-10-13	6	.	5	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.18 Basic Call Handling

current version: 6.8.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / N4 / - rapporteur: PARK, Ian David  
G: yes U: Chalmers  
MCC: KYMALAINEN, Kimmo  
remarks - this release:

VODAFONE LTD

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

[get it](#)  
[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

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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

remarks - general:

WG (prime /  
G: yes U:

S3 / NP /  
GP

rappporteur: NGUYEN NGOC,  
Sebastien  
POPE, Maurice

France Telecom

MCC:

remarks - this  
release: #32:6.2.0 - evidently not!

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

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001.  
grows "and group receive mode".

WG (prime /  
G: yes U:

G1 / N1

rappporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

MCC:

remarks - this  
release:

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

remarks - general:

WG (prime /  
G: yes U:

G1 / NP

rappporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

MCC:

remarks - this  
release:

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

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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

current version: 6.0.1

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

GP / -

rappporteur: TEGTH, Ulf  
USAI, Paolino

TeliaSonera AB

MCC:  
#26: 6.0.0

remarks - this  
release:

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)

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S2 / -

rappporteur: BOSWARTHICK, David  
BOSWARTHICK, David

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

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

N1 / -

rappporteur: KOKKOLA, Tommi  
JURISIC, Andrijana

NOKIA Corporation

MCC:  
#27: 6.0.0

remarks - this  
release:

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



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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 /

G: yes U:

T2 / -

rapporporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited

#25: 6.0.0

remarks - this  
release:

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 /

G: yes U:

T2 / -

rapporporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

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

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-SCB)

current version: 6.1.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /

G: yes U:

T2 / -

rapporporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

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

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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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<b>TS 03.42</b> R97	<b>SMS Compression</b> current version: 6.0.0 freeze_meeting: smg-26	WG (prime / G: yes U:	T2 / -	rapporteur: MCC:	HARRIS, Ian RODERMUND, Friedhelm Research In Motion Limited
remarks - general:			remarks - this release:		
history (event, available, version, comments, hyperlink):	smg-27 1998-10-16 6 . 0 . 0	<a href="#">get it</a>			
<b>TR 03.43</b> R97	<b>Support of Videotex</b> current version: 6.0.0 freeze_meeting: smg-26	WG (prime / G: yes U:	T2 / -	rapporteur: MCC:	RODERMUND, Friedhelm Vodafone D2 GmbH RODERMUND, Friedhelm
remarks - general:			remarks - this release:	#27: 6.0.0	
history (event, available, version, comments, hyperlink):	smg-27 1998-10-16 6 . 0 . 0	<a href="#">get it</a>			
<b>TR 03.44</b> R97	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b> current version: 6.0.0 freeze_meeting: smg-26	WG (prime / G: yes U:	T2 / -	rapporteur: MCC:	RODERMUND, Friedhelm Vodafone D2 GmbH RODERMUND, Friedhelm
remarks - general:			remarks - this release:		
history (event, available, version, comments, hyperlink):	smg-27 1998-10-16 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

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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 /

G: yes U:

N3 / -

rappporteur: HAN, Seung Don

MCC: HAN, Seung Don

KT Freetel Co., Ltd.

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 /

G: yes U:

N3 / -

rappporteur: HAN, Seung Don

MCC: HAN, Seung Don

KT Freetel Co., Ltd.

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 /

G: yes U:

T2 / -

rappporteur: RODERMUND, Friedhelm  
Rodafone D2 GmbH

MCC: RODERMUND, Friedhelm

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / T3 / - rapporteur: BARNES, Nigel MOTOROLA Ltd  
G: yes U: RODERMUND, Friedhelm  
MCC:  
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 . 1 . 0 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [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 / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this  
release:

### remarks - general:

### 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](#)

## 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 / S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: USAI, Paolino  
MCC: #27: 6.0.0 #28: 6.1.0 #32: 6.2.0  
remarks - this  
release:

### remarks - general:

### history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)  
ETSI publication 1999-07-21 6 . 1 . 1 [get it](#)  
smg-32 2000-06-20 6 . 2 . 0 [get it](#)  
ETSI publication 2000-11-30 6 . 2 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 N3 / -

WG (prime) / HAN, Seung Don

G: yes U:

KT Freetel Co., Ltd.

freeze\_meeting: smg-26

rapporteur: HAN, Seung Don

remarks - this

release:

MCC: HAN, Seung Don

#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 03.58** Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R97 S4 / -

WG (prime) /

G: yes U:

rapporteur: MONFORT, Jean-Yves

MCC: USAI, Paolino

France Telecom

freeze\_meeting: smg-26

remarks - this

release:

#23: 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

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
R97 WG (prime /  
freeze\_meeting: smg-26 G:yes U:

S2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

MCC: BOSWARTHICK, David

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

# 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 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97  
WG (prime) /  
G: yes U:

N1 / - rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND

MCC: JURISIC, Andrijana

remarks - general:  
freeze\_meeting: smg-26  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R97  
WG (prime) /  
G: yes U:

G1 / - rapporteur: LEPPISAARI, Ato NOKIA Corporation

MCC: USAI, Paolino

remarks - general:  
freeze\_meeting: smg-26  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 0 . 1

smg-27 1998-10-16 6 . 1 . 0

ETSI OAP 2000-05-27 6 . 1 . 1

smg-28 1999-02-12 6 . 2 . 0

smg-29 1999-06-25 6 . 3 . 0

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

R97  
WG (prime) /  
G: yes U:

N4 / - rapporteur: SCHMITT, Peter SIEMENS AG

MCC: KYMALAINEN, Kimmo

remarks - general:  
freeze\_meeting: smg-26  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

NP-07 2000-03-17 6 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 03.68 Voice Group Call Service (VGCS); Stage 2

current version: 6.4.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / N1 / - rapporteur: GARAPATY, Sonia

G: yes U: MCC: JURISIC, Andrijana

Nortel Networks (USA)

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 . 1 . 0 [get it](#)

smg post SP-07 1998-10-30 6 . 2 . 0 [get it](#)

NP-09 2000-10-12 6 . 3 . 0 [get it](#)

NP-21 2003-10-10 6 . 4 . 0 [get it](#)

## TS 03.69 Voice Broadcast service (VBS); Stage 2

current version: 6.4.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / N1 / - rapporteur: M< NNING, Dirk

G: yes U: MCC: JURISIC, Andrijana

DETECON GMBH

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 [get it](#)

smg-26 1998-06-26 6 . 1 . 0 [get it](#)

smg post SP-07 2000-03-30 6 . 2 . 0 [get it](#)

NP-09 2000-10-12 6 . 3 . 0 [get it](#)

NP-21 2003-10-13 6 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



# 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 / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: #27: 6.0.0  
remarks - this  
release:

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 / N4 / - rapporteur: LANTELME, Isabelle  
G: yes U: KYMALAINEN, Kimmo  
MCC: ALCATEL S.A.

remarks - general: NP-24: txferred to N4 on closure of N2.

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  
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 2002-08-21 6 . 11 . 1  
correction to

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: KYMALAINEN, Kimmo  
MCC: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0  
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  
NP-05 1999-10-13 6 . 2 . 0  
NP-07 2000-03-17 6 . 3 . 0

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[get it](#)  
[get it](#)

## TS 03.81 Line Identification Supplementary Services; Stage 2

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: KYMALAINEN, Kimmo  
MCC: #27: 6.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: KYMALAINEN, Kimmo  
MCC: #27: 6.0.0 #29: 6.1.0  
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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 / U:  
G: yes U:

N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)

MCC: KYMALAINEN, Kimmo

remarks - this #27: 6.0.0

release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.84 Multi Party (MPY) Supplementary Services; Stage 2

R97  
WG (prime / U:  
G: yes U:

N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG

MCC: KYMALAINEN, Kimmo

remarks - this #27: 6.0.0

release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R97  
WG (prime / U:  
G: yes U:

N4 / - rapporteur: WIEHE, Ulrich Gesellschaft f. r Kommunikations Software

MCC: KYMALAINEN, Kimmo

remarks - this

release:

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

# 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 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R97  
WG (prime / G: yes U: ) N4 / -  
current version: 6.0.1  
freeze\_meeting: smg-26  
remarks - general:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
#27: 6.0.0  
remarks - this release: Gesellschaft f, r Kommunikations Software

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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[get it](#)

## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R97  
WG (prime / G: yes U: ) N4 / -  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:   
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
#27: 6.0.0  
remarks - this release: Gesellschaft f, r Kommunikations Software

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 03.90 Unstructured Supplementary Service Data (USSD)

R97  
WG (prime / G: yes U: ) N4 / -  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:   
rapporteur: CHOTAL, Sunil  
MCC: KYMALAINEN, Kimmo  
#27: 6.0.0  
remarks - this release: mm02 plc

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

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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 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

current version: 6.0.0

freeze\_meeting: smg-26

remarks - general:

WG (prime /

G: yes U:

N4 / -

Gesellschaft f, r Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

#27: 6.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## 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:

N4 / -

Gesellschaft f, r Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

#25: 6.0.0 #26: 6.1.0 #27: 6.2.0

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

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## TS 03.96 Name Identification Supplementary Services; Stage 2

current version: 6.0.1

freeze\_meeting: smg-26

remarks - general:

N4 / -

Gesellschaft f, r Kommunikations Software

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

remarks - this  
release:

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

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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  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime) / N1 / -  
rappporteur: ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana  
MCC: #27: 6.0.0  
remarks - this release:

MOTOROLA A/S

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime) / N1 / -  
rappporteur: ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana  
MCC: #27: 6.0.0  
remarks - this release:

MOTOROLA A/S

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime) / G2 / -  
rappporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MCC: #27: 6.0.0  
remarks - this release:

MOTOROLA A/S

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

# 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 04.04 Layer 1 - General Requirements

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur: ISAACS, Ken  
MCC: THOMASEN, Gert

SIEMENS AG

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

## TS 04.05 Data Link (DL) Layer General Aspects

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

MOTOROLA A/S

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 /  
G: yes U:

G2 / -

rappporteur: ANDERSEN, Niels  
Peter Skov  
MCC: THOMASEN, Gert

MOTOROLA A/S

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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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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:

MOTOROLA Ltd

HOWELL, Andrew  
JURISIC, Andrijana

rappporteur:  
MCC:

N1 / -

remarks - this  
release:

WG (prime /  
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
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



# 3GPP specification status

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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 04.08 Mobile radio interface layer 3 specification

current version: 6.21.1

freeze\_meeting: smg-26

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC:  
Gert Thomassen (even numbered CRs)

WG (prime /

G: yes U:

N1 / G2

rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana  
remarks - this  
release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

smg-25	6	.	0	.	0	<a href="#">get it</a>
smg-26	6	.	1	.	0	<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

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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) / N4 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
KYMALAINEN, Kimmo  
MOTOROLA A/S

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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## 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) / 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 (SMSCB) Support on the Mobile Radio Interface

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

WG (prime) / G2 / T2 rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

G: yes U: MCC: #27: 6.0.0 remarks - this release:

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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: yes U:

N1 / -

rappporteur: DAWES, Peter  
MCC: JURISIC, Andrijana

remarks - this  
release: #27: 6.0.0

VODAFONE LTD

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](#)

## 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:

WG (prime /

G: yes U:

G2 / -

rappporteur: HOWELL, Andrew  
MCC: THOMASEN, Gert

remarks - this  
release:

MOTOROLA Ltd

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.

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[get it](#)

## 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:

WG (prime /

G: yes U:

N3 / -

rappporteur: RfSfNEN, Juha  
MCC: HAN, Seung Don

remarks - this  
release: #27: 6.0.0 TSG#8.6.1.0

NOKIA Corporation

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
NP-08 2000-06-23 6 . 1 . 0

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 (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

*freeze\_meeting:* smg-26

G: yes U:

MCC: HAN, Seung Don

*remarks - general:* *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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G = required in systems with GERAN access; U = required in systems with UMTS

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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/ G2 / - MCC: THOMASEN, Get

rapporteur: HOWELL, Andrew

MOTOROLA Ltd

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

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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 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97  
WG (prime) /  
G: yes U:

N1 / - rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND

MCC: JURISIC, Andrijana

remarks - general:  
freeze\_meeting: smg-26  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R97  
WG (prime) /  
G: yes U:

N1 / - rapporteur: DOIG, Ian MOTOROLA S.A.S

MCC: JURISIC, Andrijana

remarks - general:  
freeze\_meeting: smg-26  
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  
NP-10 2001-01-02 6 . 8 . 0  
NP-13 2001-10-02 6 . 9 . 0  
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

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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 (SNDCP)

R97 WG (prime) / N1 / - rapporteur: DOIG, Ian MOTOROLA S.A.S

freeze\_meeting: smg-26

remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.

MCC: JURISIC, Andrijana

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) / N4 / - rapporteur: SCHMITT, Peter SIEMENS AG

freeze\_meeting: smg-26

remarks - general:

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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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

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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 04.68 Group Call Control (GCC) Protocol

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U: N1 / - rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana Nortel Networks (USA)  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-29 1998-06-25 6 . 1 . 0 [get it](#)  
smg-30 1999-11-11 6 . 2 . 0 [get it](#)  
NP-07 2000-03-17 6 . 3 . 0

## TS 04.69 Broadcast Call Control (BCC) protocol

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U: N1 / - rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana Nortel Networks (USA)  
remarks - this  
release:

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](#)  
smg-30 1999-11-11 6 . 2 . 0 [get it](#)  
NP-07 2000-03-17 6 . 3 . 0

G = required in systems with GERAN access; U = required in systems with UMTS



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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 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R97 WG (prime) / N4 / -

freeze\_meeting: smg-26  
WG (prime) / N4 / -  
G: yes U: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

remarks - general: Gesellschaft f, r Kommunikations Software

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-28 1999-02-12 6 . 1 . 1  
editorial 2003-10-09 6 . 1 . 2

[get it](#)  
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[get it](#)

## TS 04.81 Line Identification Supplementary Services; Stage 3

R97 WG (prime) / N4 / -

freeze\_meeting: smg-26  
WG (prime) / N4 / -  
G: yes U: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

remarks - general: Gesellschaft f, r Kommunikations Software

remarks - general:  
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 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R97 WG (prime) / N4 / -

freeze\_meeting: smg-26  
WG (prime) / N4 / -  
G: yes U: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

remarks - general: Gesellschaft f, r Kommunikations Software

remarks - general:  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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) /  
G: yes U:

N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)

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 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R97 WG (prime) /  
G: yes U:

N4 / - rapporteur: HABERMANN, Steffen 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 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R97 WG (prime) /  
G: yes U:

N4 / - rapporteur: WIEHE, Ulrich Gesellschaft f. r. Kommunikations Software

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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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  
WG (prime / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #27: 6.0.0  
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 04.88 Call Barring (CB) Supplementary Services; Stage 3

R97  
WG (prime / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #25: 6.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-04-20 6 . 0 . 1

[get it](#)  
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## TS 04.90 Unstructured Supplementary Service Data (USSD)

R97  
WG (prime / G:yes U: N4 / - rapporteur: KYMALAINEN, Kimmo  
G:yes U: KYMALAINEN, Kimmo  
MCC: #27: 6.0.0  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:  
N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
release: #27: 6.0.0  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
<to be defined> 1998-11-16 6 . 0 . 1

[get it](#)  
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## TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R97  
current version: 6.1.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:  
N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
release: #25: 6.0.0 #26: 6.1.0 #28: 6.1.1  
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

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## TS 04.96 Name Identification Supplementary Services; Stage 3

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:  
N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)  
remarks - this  
release:

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

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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:

G1 / - NOKIA MOBILE PHONES

WG (prime /

G: yes U:

rappporteur: JOKINEN, Harri

USAI, Paolino

MCC:

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 acces; U = required in systems with UMTS

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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

remarks - general:

WG (prime / G:yes U: )  
G1 / - remarks - this release:  
rapporteur: S..BIRE, Benoit USAI, Paolino  
MCC:  
NOKIA Corporation

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

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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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<b>TS 05.03</b> R97	<b>Channel coding</b> current version: 6.2.1 freeze_meeting: smg-26	WG (prime / G: yes U:	G1 / -	rappporteur: S. BIRE, Benoit USAI, Paolino MCC: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0	NOKIA Corporation
remarks - general:			remarks - this release:		
history (event, available, version, comments, hyperlink):					
	smg-24 1997-12-19 6 . 0 . 0			<a href="#">get it</a>	
	smg-25 1998-03-20 6 . 1 . 0			<a href="#">get it</a>	
	smg-28 1999-02-12 6 . 2 . 0			<a href="#">get it</a>	
ETSI Publication	1999-03-12 6 . 2 . 1				
<b>TS 05.04</b> R97	<b>Modulation</b> current version: 6.1.1 freeze_meeting: smg-26	WG (prime / G: yes U:	G1 / -	rappporteur: S. BIRE, Benoit USAI, Paolino MCC:	NOKIA Corporation
remarks - general:			remarks - this release:		
history (event, available, version, comments, hyperlink):					
	smg-27 1998-10-16 6 . 0 . 0			<a href="#">get it</a>	
ETSI publication	1999-02-09 6 . 0 . 1			<a href="#">get it</a>	
smg-30b	1999-12-06 6 . 1 . 0			<a href="#">get it</a>	
ETSI publication	2000-06-20 6 . 1 . 1			<a href="#">get it</a>	

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G:yes U: )  
G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
MCC: 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



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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

current version: 6.9.0

freeze\_meeting: smg-26

remarks - general:

WG (prime / U: G:yes U:)

rapporteur: EL-SAIGH, Amer  
USAI, Paolino

G1 / -

remarks - this  
release:

VODAFONE Group Plc

### history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6	.	0	.	0		<a href="#">get it</a>
smg-25	1998-03-20	6	.	1	.	0		<a href="#">get it</a>
edito	1998-03-20	6	.	1	.	1		<a href="#">get it</a>
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>
ETSI publication	1999-03-09	6	.	3	.	1		<a href="#">get it</a>
smg-28	1999-02-12	6	.	4	.	0		<a href="#">get it</a>
ETSI publication	1999-08-04	6	.	4	.	1		<a href="#">get it</a>
smg-29	1999-06-25	6	.	5	.	0		<a href="#">get it</a>
ETSI publication	1999-12-04	6	.	5	.	1		<a href="#">get it</a>
smg-30	1999-11-11	6	.	6	.	0		<a href="#">get it</a>
smg-30b	1999-12-06	6	.	7	.	0		<a href="#">get it</a>
edito	2000-02-01	6	.	7	.	1		<a href="#">get it</a>
smg-31b	2000-04-17	6	.	8	.	0		<a href="#">get it</a>
ETSI publication	GP-01	2000-10-10	6	.	9	.	0	<a href="#">get it</a>

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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

current version: 6.7.0  
freeze\_meeting: smg-26

remarks - general:

G1 / - rapporteur: JOKINEN, Harri  
USAI, Paolino

WG (prime /  
G: yes U:

remarks - this  
release:

NOKIA MOBILE PHONES

history (event, available, version, comments, hyperlink):

smg-24 1997-12-19 6 . 0 . 0 [get it](#)  
smg-25 1998-03-20 6 . 1 . 0 [get it](#)  
smg-26 1998-06-26 6 . 2 . 0 [get it](#)  
smg-27 1998-10-16 6 . 3 . 0 [get it](#)  
ETSI publication 1999-03-09 6 . 3 . 1 [get it](#)  
smg-28 1999-02-12 6 . 4 . 0 [get it](#)  
ETSI publication 1999-08-04 6 . 4 . 1 [get it](#)  
smg-29 1999-06-25 6 . 5 . 0 [get it](#)  
ETSI publication 1999-12-14 6 . 5 . 1 [get it](#)  
smg-30 1999-11-11 6 . 6 . 0 [get it](#)  
ETSI publication 2001-05-29 6 . 6 . 1 [get it](#)  
GP-02 2000-11-24 6 . 7 . 0 [get it](#)

## TS 05.14 Release independent frequency bands; Implementation guidelines

current version: 6.2.0

freeze\_meeting: smg-26

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time.

WG (prime /  
G: yes U:

G1 / G2 rapporteur: KANGAS, Antti  
USAI, Paolino  
remarks - this  
release: 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).

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history (event, available, version, comments, hyperlink):

GP-02 2001-01-05 6 . 0 . 0 [get it](#)  
GP-05 2002-01-03 6 . 1 . 0 [get it](#)  
GP-10 2002-07-19 6 . 2 . 0 [get it](#)

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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)

## TR 05.22 Radio link management in hierarchical networks

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:

WG (prime / G: yes U: G1 / - rapporteur: VAN BUSSEL, Han USAI, Paolino T-Mobile International AG  
MCC: #27: 6.0.0  
remarks - this release:

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 / G: yes U: G1 / - rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino MOTOROLA A/S  
MCC: #24: 6.0.0 #31: 6.1.0  
remarks - this release:

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 / G: yes U: G1 / - rapporteur: USAI, Paolino USAI, Paolino TELECOM ITALIA S.p.A.  
MCC: #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.  
remarks - this release:

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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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 / S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: 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 / S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
G: yes U: 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 / S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
G: yes U: 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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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

R97 WG (prime /  
G: yes U:  
freeze\_meeting: smg-26

remarks - general:

S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
#27: 6.0.0  
MOTOROLA Ltd  
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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## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

R97 WG (prime /  
G: yes U:  
freeze\_meeting: smg-26

remarks - general:

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino  
#27: 6.0.0  
T-MOBILE DEUTSCHLAND  
remarks - this  
release:

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

R97 current version: 6.2.0  
freeze\_meeting: smg-26

remarks - general:

S4 / - rapporteur: LORENZ, Dietmar  
MCC: USAI, Paolino  
PHILIPS Semiconductors  
remarks - this  
release:

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:  
freeze\_meeting: smg-26

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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S4 / - rapporteur: NAVARRO, William  
MCC: USAI, Paolino  
NORTEL NETWORKS (EUROPE)

remarks - this  
release: #27: 6.0.0

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

WG (prime /  
G: yes U:

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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[get it](#)  
[get it](#)

S4 / - rapporteur: SERENO, Daniele  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - this  
release: #27: 6.0.0

## TS 06.20 Half Rate Speech Transcoding

WG (prime /  
G: yes U:  
freeze\_meeting: smg-26

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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S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino  
MOTOROLA Ltd

remarks - this  
release: #27: 6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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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 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

R97  
WG (prime) / S4 / -  
G: yes U: AFTELAK, Steve  
freeze\_meeting: smg-26 USAI, Paolino  
MOTOROLA Ltd  
MCC: #27: 6.0.0  
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 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

R97  
WG (prime) / S4 / -  
G: yes U: AFTELAK, Steve  
freeze\_meeting: smg-26 USAI, Paolino  
MOTOROLA Ltd  
MCC: #27: 6.0.0  
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 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

R97  
WG (prime) / S4 / -  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-26 USAI, Paolino  
TELECOM ITALIA S.p.A.  
MCC: #27: 6.0.0  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: remarks - this release: #27: 6.0.0  
MCC: USAI, Paolino

Indicate persons who left Company and wait for new One

## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: remarks - this release: #27: 6.0.0  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R97  
current version: 6.0.1  
freeze\_meeting: smg-26

remarks - general:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: remarks - this release: #27: 6.0.0  
MCC: USAI, Paolino

Indicate persons who left Company and wait for new One

G = required in systems with GERAN access; U = required in systems with UMTS



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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 /*  
*G: yes U:*

*freeze\_meeting: smg-26*

*remarks - general:*

S4 / - *rapporteur: Jf RVINEN, Kari*  
*MCC: USAI, Paolino*  
*remarks - this #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0*  
*release:*

NOKIA Corporation

*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 /*  
*G: yes U:*

*freeze\_meeting: smg-26*

*remarks - general:*

S4 / - *rapporteur: Jf RVINEN, Kari*  
*MCC: USAI, Paolino*  
*remarks - this*  
*release:*

NOKIA Corporation

*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 /*  
*G: yes U:*

*freeze\_meeting: smg-26*

*remarks - general:*

S4 / - *rapporteur: Jf RVINEN, Kari*  
*MCC: USAI, Paolino*  
*remarks - this*  
*release:*

NOKIA Corporation

*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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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 /  
G: yes U:

S4 / -

rapporteur: SALEM, Tarek  
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 /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
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 /  
G: yes U:

S4 / -

rapporteur: Jf RVINEN, Kari  
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)

## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R97 WG (prime) /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

freeze\_meeting: smg-26

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 1999-06-04 6 . 0 . 1

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## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R97 WG (prime) /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

freeze\_meeting: smg-26

remarks - this  
release: #27: 6.0.0 #30: 6.1.0

remarks - general:

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 enhanced full rate speech traffic channels

R97 WG (prime) /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino  
NOKIA Corporation

freeze\_meeting: smg-26

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)

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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 / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-26  
MCC: #27: 6.0.0  
TELECOM ITALIA S.p.A.  
remarks - general:  
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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## 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 / N3 / - rapporteur: HUSLENDE, Ragnar  
G: yes U: HAN, Seung Don  
freeze\_meeting: smg-26  
Telefon AB LM Ericsson  
remarks - general:  
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

[get it](#)  
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### TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R97  
WG (prime / N3 / - rapporteur: HUSLENDE, Ragnar  
G: yes U: HAN, Seung Don  
freeze\_meeting: smg-26  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:  
WG (prime / N3 / -  
G: yes U: HUSLENDE, Ragnar Telefon AB LM Ericsson  
rapporteur: HAN, Seung Don  
MCC: #26: 6.0.0  
remarks - this release:

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  
current version: 6.0.0  
freeze\_meeting: smg-26  
remarks - general:  
WG (prime / T2 / -  
G: yes U: HARRIS, Ian Research In Motion Limited  
rapporteur: RODERMUND, Friedhelm  
MCC: #26: 6.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97  
current version: 6.5.0  
freeze\_meeting: smg-26  
remarks - general:  
WG (prime / T2 / -  
G: yes U: VOTE, Nicola NTT DoCoMo Inc.  
rapporteur: RODERMUND, Friedhelm  
MCC: #26: 6.0.0  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime / T2 / -  
current version: 6.5.0  
freeze\_meeting: smg-26

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-24	1998-01-19	2	0	0	<a href="#">get it</a>
draft	1998-03-10	2	2	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>
TP-05	1999-10-08	6	4	0	<a href="#">get it</a>
TP-15	2002-03-26	6	5	0	<a href="#">get it</a>

## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

WG (prime / N3 / -  
current version: 6.5.0  
freeze\_meeting: smg-26

rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

MCC: HAN, Seung Don

remarks - general:

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

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-29	1999-06-25	6	3	0	<a href="#">get it</a>
NP-05	1999-10-08	6	4	0	<a href="#">get it</a>
NP-06	1999-12-15	6	5	0	<a href="#">get it</a>

R97

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

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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 /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

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 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 /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

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 /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

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

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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  
MOTOROLA A/S

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U: 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 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  
MOTOROLA A/S

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U: MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-31b 2000-04-17 6 . 5 . 0 [get it](#)

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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  
MOTOROLA A/S

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U: MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-25 1998-03-20 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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  
MOTOROLA A/S

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MCC:

G: yes U:

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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[get it](#)

**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  
MOTOROLA Ltd

WG (prime / G2 / - rapporteur: BLACK, Jyoti  
THOMASEN, Gert

MCC:

G: yes U:

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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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 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

R97  
WG (prime) / N3 / -  
G: yes U: RfSfNEN, Juha HAN, Seung Don  
freeze\_meeting: smg-26  
MCC: NOKIA Corporation  
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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[get it](#)

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

R97  
WG (prime) / G2 / -  
G: yes U: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-26  
MCC: MOTOROLA A/S  
remarks - general:  
remarks - this release:

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 Principles

R97  
WG (prime) / G2 / -  
G: yes U: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-26  
MCC: MOTOROLA A/S  
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

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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 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

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

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

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

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
WG (prime / G1 / - rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino)  
freeze\_meeting: smg-26  
MCC: MOTOROLA A/S

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change  
G: yes U:  
release: remarks - this

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 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R97  
WG (prime / G1 / NP rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino)  
freeze\_meeting: smg-26  
MCC: MOTOROLA A/S

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change  
G: yes U:  
release: remarks - this

history (event, available, version, comments, hyperlink):

smg-27 1998-10-18 6 . 0 . 0  
ETSI Publication 1998-11-18 6 . 0 . 1

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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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G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

## TR 09.01 General Network Interworking Scenarios

R97 current version: 6.0.0  
 freeze\_meeting: smg-26

remarks - general:

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
 G: yes U: KYMALAINEN, Kimmo  
 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 / N4 / - rapporteur: WIEHE, Ulrich Gesellschaft f, r Kommunikations Software  
 G: yes U: 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  
 edito 1998-09-09 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 1999-10-08 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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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  
R97 current version: Mobile Network (PLMN) WG (prime) / N3 / HAN, Seung Don KT Freetel Co.,  
Ltd. -rapporteur:

freeze\_meeting: smg-26  
remarks - general: N3: "no R99 needed".

G: yes U: HAN, Seung Don  
MCC: #27: 6.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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**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 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
freeze\_meeting: smg-26 HAN, Seung Don  
remarks - general: N3: "no R99 needed". MCC: #27: 6.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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**TS 09.05** Interworking between the PLMN and the PSPDN for PAD Access  
R97 current version: 6.0.0 N3 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
freeze\_meeting: smg-26 HAN, Seung Don  
remarks - general: N3: "no R99 needed". MCC: #27: 6.0.0  
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

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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 09.06** Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergated Services digital Network (PSPDN/ISDN) for Support of  
R97 current version: Packet Switched Data Transmission Services 6.0.0  
WG (prime / N3 / HAN, Seung Don KT Freetel Co.,  
-rapporteur:

Ltd.

freeze\_meeting: smg-26

remarks - general: N3: "no R99 needed".

G: yes U:

MCC: HAN, Seung Don

#27: 6.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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**TS 09.07** General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergated Services Digital Network (ISDN) or Public Switched Telephone  
R97 current version: Network (PSTN)  
WG (prime / N3 / BELLING, Thomas SIEMENS AG  
-rapporteur:

freeze\_meeting: smg-26

remarks - general:

G: yes U:

MCC: HAN, Seung Don

#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0

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

NP-06 1999-12-15 6 . 2 . 0

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**TS 09.08** Application of the Base Station System Application Part (BSSAP) on the E-interface  
R97 current version: 6.0.0  
WG (prime / N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh  
JURISIC, Andrijana  
MCC: #27: 6.0.0  
-rapporteur:

freeze\_meeting: smg-26

remarks - general:

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System (BSS - MCS) and Base Station System (BSS - MCS)**  
R97 *current version*: Signalling Procedures and the Mobile Application Part (MAP) N4 / -  
TeliaSonera AB

KYMALAINEN, Kimmo  
*rapporteur*:

*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

[get it](#)  
[get it](#)  
[get it](#)

**TS 09.11 Signalling Interworking for Supplementary Services**

R97 *current version*: 6.0.0

*freeze\_meeting*: smg-26

*remarks - general*:

WG (prime /  
G: yes U:

N4 / -

*rapporteur*: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

*remarks - this release*: #26: 6.0.0

Gesellschaft f, r Kommunikations Software

*history (event, available, version, comments, hyperlink)*:

smg-26 1998-06-26 6 . 0 . 0

[get it](#)

**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 /  
G: yes U:

N4 / -

*rapporteur*: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

*remarks - this release*:

Gesellschaft f, r Kommunikations Software

*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



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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

R97  
WG (prime / 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

R97  
WG (prime / 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

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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 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R97  
WG (prime) / N4 / -  
G: yes U:

rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

release: N4 / -

current version: 6.13.0

freeze\_meeting: smg-26  
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>
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		<a href="#">get it</a>
NP-08	2000-06-21	6	.	8	.	0		<a href="#">get it</a>
ETSI publication		6	.	8	.	1		<a href="#">get it</a>
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

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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)

R97 current version: 6.10.0

freeze\_meeting: smg-26

WG (prime / N3 / -

G: yes U:

rappporteur: HUSLENDE, Ragnar

MCC: HAN, Seung Don

Telefon AB LM Ericsson

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		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)

R97 current version: 6.5.0

freeze\_meeting: smg-26

WG (prime / N4 / -

G: yes U:

rappporteur: NOLDUS, Rogier

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - general: NP-24: txferred to N4 on closure of N2.

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 acces; U = required in systems with UMTS

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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 09.94** Recommended infrastructure measures to overcome specific Mobile Station (MS) faults  
R97 WG (prime) / N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
JURISIC, Andrijana  
MCC: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest  
freeze\_meeting: smg-24

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-27 6 . 0 . 0 withdrawn SMG-30; ; reinstated NP-16 [get it](#)  
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 TR. [get it](#)

**TR 09.95** Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles  
R97 WG (prime) / G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
USAI, Paolino  
MCC: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

remarks - general: G: yes U: remarks - this release:

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](#)

R97 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

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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  
WG (prime) /  
G: yes U:  
current version: 6.1.0  
freeze\_meeting: smg-26  
remarks - general:  
N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software  
MCC: KYMALAINEN, Kimmo  
#28: 6.0.0 TSG#5.6.1.0  
remarks - this release:  
[get it](#)  
[get it](#)

### history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 6 . 0 . 0  
NP-05 1999-10-08 6 . 1 . 0

## 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  
WG (prime) /  
G: yes U:  
current version: 6.4.0  
freeze\_meeting: smg-26  
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.

MCC: CLAYTON, Michael  
#31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.  
remarks - this release:

### 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  
[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

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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) / T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
freeze\_meeting: smg-26 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: GP-13: doc becomes pointer to latest Rel version.

MCC: RODERMUND, Friedhelm

remarks - this release:

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  
WG (prime) / T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
freeze\_meeting: smg-32 MCC: RODERMUND, Friedhelm

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  
WG (prime) / T3 / - rapporteur: DUBOIS, Christophe Axalto S.A.  
freeze\_meeting: smg-26 MCC: RODERMUND, Friedhelm

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

# 3GPP specification status

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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 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R97 WG (prime) /

freeze\_meeting: smg-26

G: yes U:

remarks - general:

G1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov  
USAI, Paolino

MCC:

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

edito (correction of 2002-06-18 6 . 0 . 1  
version on cover)

[get it](#)

[get it](#)

R97

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.05 Subscriber Related Call and Event Data

R97 current version: 6.1.0

freeze\_meeting: smg-26

remarks - general:

WG (prime) /

G: yes U:

S5 / S1

rapporteur: ALEXANDER, Benni NOKIA Corporation

ZOICAS, Adrian

MCC:

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

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S5 / S1 / rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
G: yes U: GP MCC: ZOICAS, Adrian  
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  
smg-28 1999-02-12 6 . 2 . 0  
smg-29 1999-06-25 6 . 3 . 0

## TS 12.15 General Packet Radio Service (GPRS); GPRS Charging

current version: 6.3.0  
freeze\_meeting: smg-26

remarks - general:

WG (prime / S5 / - rapporteur: ALEXANDER, Benni NOKIA Corporation  
G: yes U: MCC: ZOICAS, Adrian  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 1 . 0  
smg-28 1999-02-12 6 . 2 . 0  
SP-18 2003-01-07 6 . 3 . 0

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

current version: 6.0.0  
freeze\_meeting: smg-26

remarks - general: SP-13: S5->G3 but no change of rapporteur.

WG (prime / G1 / S5 rapporteur: TRUSS, Michael MOTOROLA Ltd  
G: yes U: 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

G = required in systems with GERAN acces; U = required in systems with UMTS



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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 / 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 for backwards extension to earlier releases. remarks - this release:

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 / 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](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: )  
GP / -  
rapporteur: CLAYTON, Michael  
MCC: USAI, Paolino  
EMCOM Ltd

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study

current version: 5.0.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G: yes U: )  
S1 / -  
rapporteur: MEYER, Juergen  
MCC: CLAYTON, Michael  
SIEMENS AG

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

[get it](#)  
[get it](#)

R96

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

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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)

R96

WG (prime /  
G: yes U:

KOKKOLA, Tommi  
CLAYTON, Michael

rappporteur:

S1 / -

NOKIA Corporation

freeze\_meeting: smg-22

remarks - this  
release:

### history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-17 1996-02-02 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 2 . 0 [get it](#)  
smg-24 1997-12-19 5 . 3 . 0 [get it](#)  
smg-26 1998-06-26 5 . 4 . 0 [get it](#)  
smg-29 1999-06-25 5 . 5 . 0 [get it](#)

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96

WG (prime /  
G: yes U:

CARPENTER, Paul  
CLAYTON, Michael

rappporteur:

S1 / -

Research In Motion Limited

freeze\_meeting: smg-22

remarks - this  
release:

### history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 2 . 0 [get it](#)  
ETSI publication 1997-05-02 5 . 2 . 1 [get it](#)  
smg-22 1997-06-13 5 . 3 . 0 [get it](#)  
ETSI OAP 1997-07-21 5 . 3 . 1 [get it](#)  
ETSI publication 1997-12-31 5 . 3 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

S1 / -

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

remarks - this  
release:

remarks - general:  
freeze\_meeting: smg-22

history (event, available, version, comments, hyperlink):

smg-17	1997-02-02	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	.	1	.	1		<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	1	.	2		<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0		<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	2	.	1		<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0		<a href="#">get it</a>
ETSI OAP	1997-07-21	5	.	3	.	1		<a href="#">get it</a>
ETSI publication	1998-01-14	5	.	3	.	2		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime /

G:yes U:

S1 / -

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research In Motion Limited

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

# 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 02.06 Types of Mobile Stations (MS)

R96 current version: 5.2.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G:yes U: S1 / - rapporteur: WATSON, John  
CLAYTON, Michael  
MCC: VODAFONE Group Plc  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#)  
smg-21 1997-02-14 5 . 1 . 0 [get it](#)  
ETSI publication 1997-08-26 5 . 1 . 1 [get it](#)  
smg-28 1999-02-12 5 . 2 . 0 [get it](#)  
ETSI publication 1999-08-04 5 . 2 . 1 [get it](#)

## TS 02.07 Mobile Station (MS) Features

R96 current version: 5.4.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G:yes U: S1 / - rapporteur: WATSON, John  
CLAYTON, Michael  
MCC: VODAFONE Group Plc  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 2 . 0 [get it](#)  
ETSI publication 1997-05-02 5 . 2 . 1 [get it](#)  
smg-22 1997-06-13 5 . 3 . 0 [get it](#)  
ETSI OAP 1997-07-21 5 . 3 . 1 [get it](#)  
ETSI publication 1997-12-31 5 . 3 . 2 [get it](#)  
smg-24 1997-12-19 5 . 4 . 0 [get it](#)  
ETSI publication 1998-06-17 5 . 4 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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

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

**TS 02.11** **Service accessibility**  
R96 current version: 5.0.1  
freeze\_meeting: smg-22

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1

WG (prime / S3 / S1 / rapporteur: CHRISTOFFERSSON, TellaSonera.AB  
G: yes U: NP / POPE, Maurice  
MCC: remarks - this  
release:

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WG (prime / S1 / - rapporteur: IBIDUN, Kunle  
G: yes U: CLAYTON, Michael  
MCC: remarks - this  
release:

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 / S1 / - rapporteur: KOKKOLA, Tommi  
G: yes U: 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 / T3 / S1 rapporteur: HOOKER, Philip  
G: yes U: G: yes U: MCC: RODERMUND, Friedhelm  
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



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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 / S1 / rapporteur: POIRAUD, Patrick  
G: yes U: CLAYTON, Michael  
ALCATEL S.A.

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 / S1 / rapporteur: DEOL, Amar  
G: yes U: CLAYTON, Michael  
Nortel Networks (USA)

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

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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 /

G:yes U:

S1 /

rapporporteur: JEAL, David  
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	1996-04-12	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

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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 / S1 / rapporteur: KOKKOLA, Tommi / NOKIA Corporation  
G: yes U: MCC: CLAYTON, Michael

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

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## TS 02.40 Procedures for Call Progress Indications

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / S1 / NP 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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 5.1.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

S1 / rapporteur: WATSON, John  
MCC: CLAYTON, Michael

VODAFONE Group Plc

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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[get it](#)  
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## TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1

current version: 5.1.0

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

S1 / rapporteur: CLAYTON, Michael

EMCOM Ltd

MCC: CLAYTON, Michael

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

current version: 5.0.0

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

S1 / - rapporteur: HECHWARTNER,

T-Mobile International AG

Roland

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

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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  
WG (prime) /  
G: yes U:

S1 / - rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael

SIEMENS AG

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-19 1996-06-28 5 . 0 . 1 [get it](#)  
smg-20 1996-10-11 5 . 0 . 2 [get it](#)  
ETSI publication 1997-06-03 5 . 0 . 3 [get it](#)  
smg-22 1997-06-13 5 . 0 . 4 [get it](#)  
edito 1997-12-05 5 . 0 . 5 [get it](#)  
smg-29 1999-06-25 5 . 1 . 0 [get it](#)  
ETSI publication 1999-12-29 5 . 1 . 1 [get it](#)

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96  
WG (prime) /  
G: yes U:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-17 1996-02-02 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
smg-21 1997-02-14 5 . 1 . 2 [get it](#)  
smg-22 1997-06-13 5 . 1 . 3 [get it](#)  
smg-26 1998-06-26 5 . 2 . 0 [get it](#)  
publish ETS 300 1998-12-01 5 . 2 . 1 [get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS



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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 02.79 Support of Optimal Routing (SOR); Service definition (Stage 1)

R96  
WG (prime / G: yes U: )  
freeze\_meeting: smg-22  
remarks - general:  
S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
MCC: CLAYTON, Michael  
#19: 5.0.0 #20: 5.1.0 #28: 5.2.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 0 [get it](#)  
smg-28 1999-02-12 5 . 2 . 0 [get it](#)

## TS 02.81 Line Identification Supplementary Services; Stage 1

R96  
WG (prime / G: yes U: )  
freeze\_meeting: smg-22  
remarks - general:  
S1 / - rapporteur: BLOMSTRAND, Ola TeliaSonera AB  
MCC: CLAYTON, Michael  
#20: 5.0.0 #24: 5.1.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-24 1997-12-19 5 . 1 . 0 [get it](#)

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R96  
WG (prime / G: yes U: )  
freeze\_meeting: smg-22  
remarks - general:  
S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
MCC: CLAYTON, Michael  
#16: 5.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime / G: yes U:  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
#20: 5.0.0  
EMCOM Ltd  
remarks - this release:

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 WG (prime / G: yes U:  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

S1 / - rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
#20: 5.0.0  
SIEMENS AG  
remarks - this release:

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 WG (prime / G: yes U:  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

S1 / - rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
#20: 5.0.0  
TeliaSonera AB  
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



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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 /  
G: yes U:

S1 / -

rappporteur: DEOL, Amar  
MCC: CLAYTON, Michael

Nortel Networks (USA)

#20: 5.0.0

remarks - this  
release:

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 /  
G: yes U:

S1 / -

rappporteur: ACHTER, Johannes  
MCC: CLAYTON, Michael

T-Mobile International AG

#20: 5.0.0

remarks - this  
release:

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 /  
G: yes U:

S1 / -

rappporteur: IGNATIUS, Jan  
MCC: CLAYTON, Michael

NOKIA Corporation

#20: 5.0.0

#21: 5.1.0

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: yes U: CLAYTON, Michael  
MCC: #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1996-10-20 5 . 0 . 0 [get it](#)  
smg-17 1996-02-02 5 . 0 . 1 [get it](#)  
smg-19 1996-06-28 5 . 1 . 0 [get it](#)  
smg-21 1997-02-14 5 . 1 . 1 [get it](#)

## 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:

S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
MCC: CLAYTON, Michael  
#16: 5.0.0 #18: 5.1.0 #19: 5.2.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-19 1996-06-28 5 . 2 . 0 [get it](#)

R96 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

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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** **Network Functions**  
R96 current version: 5.1.0  
freeze\_meeting: smg-22  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime / G: yes U:	S2 / NP	rappporteur: MCC:	GAASVIK, Per-Ola BOSWARTHICK, David	COMVIQ GSM AB
	remarks - this release:		#17: 5.0.0 #18: 5.1.0	

history (event, available, version, comments, hyperlink):  
smg-17 1996-02-02 5 . 0 . 0  
smg-18 1996-04-12 5 . 1 . 0

[get it](#)  
[get it](#)

**TS 03.02** **Network Architecture**  
R96 current version: 5.3.0  
freeze\_meeting: smg-22

WG (prime / G: yes U:	S2 / NP / T2	rappporteur: MCC:	MILINSKI, Alexander BOSWARTHICK, David	SIEMENS AG
	remarks - this release:		#17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0	

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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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: N4 / T2 rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo  
VODAFONE LTD  
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 /  
G: yes U: NP / - rapporteur: BOSWARTHICK, David  
MCC: BOSWARTHICK, David  
ETSI Secretariat  
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

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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 03.07**  
R96  
**Restoration Procedures**  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / N4 / - rapporteur: PARK, Ian David  
Chalmers  
VODAFONE LTD  
G: yes U: KYMALAINEN, Kimmo  
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

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[get it](#)

**TS 03.08**  
R96  
**Organization of Subscriber Data**  
current version: 5.2.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / N4 / - rapporteur: BAUER, Rolf  
KYMALAINEN, Kimmo  
ALCATEL SEL AG  
G: yes U:  
MCC:  
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**  
R96  
**Handover Procedures**  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / N1 / - rapporteur: FARHOUJMAND,  
Rouzbeh  
Ericsson Incorporated  
G: yes U: JURISIC, Andrijana  
MCC:  
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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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 / G: yes U: N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: KT Freetel Co., Ltd.  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: [get it](#)

### 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

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R96  
WG (prime / G: yes U: N4 / - rapporteur: HABERMANN, Steffen  
G: yes U: KYMALAINEN, Kimmo  
MCC: T-Mobile International AG  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: [get it](#)

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI publication 1997-06-03 5 . 0 . 1

## TS 03.12 Location Registration Procedures

R96  
WG (prime / G: yes U: N4 / - rapporteur: KYMALAINEN, Kimmo  
G: yes U: KYMALAINEN, Kimmo  
MCC: TeliaSonera AB  
remarks - general: freeze\_meeting: smg-22  
remarks - this release: [get it](#) #20: 5.0.0

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS

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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 03.13 Discontinuous Reception (DRX) in the GSM System

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

G1 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
#17: 5.0.0  
remarks - this  
release: TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):  
smg-17 1996-02-02 5 . 0 . 0

[get it](#)

## 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 /  
G: yes U:

N1 / - rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
#20: 5.0.0  
remarks - this  
release: SIEMENS AG

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## TS 03.15 Technical Realization of Operator Determined Barring

R96  
current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / - rapporteur: PARK, Ian David  
MCC: Chalmers  
KYMALAINEN, Kimmo  
#16: 5.0.0 #21: 5.1.0  
remarks - this  
release: VODAFONE LTD

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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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

current version: 5.3.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:  
N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
#18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0  
remarks - this  
release:

Gesellschaft für Kommunikations Software

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

current version: 5.6.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:  
N4 / -  
rapporteur: PARK, Ian David  
Chalmers  
MCC: KYMALAINEN, Kimmo  
#18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0  
remarks - this  
release:

VODAFONE LTD

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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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

R96  
current version: 5.2.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime / S3 / NP / rapporteur: NGUYEN NGOC, France Telecom  
GP  
G: yes U: POPE, Maurice  
MCC: SMG#29: CRs but postponed, then forgotten!  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-21 1997-02-14 5 . 1 . 0 [get it](#)  
smg-23 1997-10-17 5 . 2 . 0 [get it](#)  
smg-29 1999-06-25 5 . 2 . 1 [get it](#)

## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

R96  
current version: 5.3.1  
freeze\_meeting: smg-22

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".

G1 / N1 rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
USAI, Paolino  
MCC: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI publication 1997-06-03 5 . 0 . 1 [get it](#)  
smg-21 1997-02-14 5 . 1 . 0 [get it](#)  
ETSI publication 1997-09-15 5 . 1 . 1 [get it](#)  
smg-22 1997-06-13 5 . 2 . 0 [get it](#)  
ETSI publication 1997-12-31 5 . 2 . 1 [get it](#)  
smg-26 1998-06-26 5 . 3 . 0 [get it](#)  
ETSI publication 1998-12-10 5 . 3 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: G1 / NP rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino MOTOROLA A/S  
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  
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 / G: yes U: GP / - rapporteur: TEGTH, Ulf USAI, Paolino Teliasonera, AB  
MCC: #20: 5.0.0  
remarks - this release:

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 / G: yes U: S2 / - rapporteur: BOSWARTHICK, David BOSWARTHICK, David ETSI Secretariat  
MCC: remarks - this release:

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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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 /  
G: yes U:  
N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
MCC: JURISIC, Andrijana  
#21: 5.0.0 #26: 5.1.0 #28: 5.2.0  
remarks - this  
release:

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 /  
G: yes U:  
T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
MCC: RODERMUND, Friedhelm  
#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  
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 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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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 /  
G: yes U:

T2 / -

rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm  
Research In Motion Limited

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 acces; U = required in systems with UMTS

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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)

WG (prime /  
G: yes U:

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited

remarks - general:

freeze\_meeting: smg-22

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-17 1996-02-02 5 . 1 . 0 [get it](#)  
smg-18 1996-04-12 5 . 2 . 0 [get it](#)  
smg-19 1996-06-28 5 . 3 . 0 [get it](#)  
smg-20 1996-10-11 5 . 4 . 0 [get it](#)  
ETSI publication 1997-05-02 5 . 4 . 1 [get it](#)  
smg-21 1997-02-14 5 . 5 . 0 [get it](#)  
ETSI publication 1997-09-15 5 . 5 . 1 [get it](#)  
smg-22 1997-06-13 5 . 6 . 0 [get it](#)  
ETSI publication 1998-02-02 5 . 6 . 1 [get it](#)  
smg-23 1997-10-17 5 . 7 . 0 [get it](#)  
smg-24 1997-12-19 5 . 8 . 0 [get it](#)  
ETSI publication 1998-06-17 5 . 8 . 1 [get it](#)  
smg-25 1998-03-20 5 . 9 . 0 [get it](#)  
ETSI publication 1999-02-03 5 . 9 . 1 [get it](#)

## TS 03.42 SMS Compression

WG (prime /  
G: yes U:

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

Research In Motion Limited

remarks - general:

freeze\_meeting: smg-22

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 03.43** **Support of Videotex**  
R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

**TR 03.44** **Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

**TS 03.45** **Technical Realization of Facsimile Group 3 Service - transparent**  
R96  
current version: 5.2.1  
freeze\_meeting: smg-22

WG (prime / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC:  
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-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

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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

WG (prime /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.

remarks - general:  
freeze\_meeting: smg-22  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 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)

WG (prime /  
G: yes U:

T2 / - rapporteur: RODERMUND, Friedhelm  
MCC: RODERMUND, Friedhelm  
Rodermund, Friedhelm

remarks - general:  
freeze\_meeting: smg-22  
remarks - this  
release:

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

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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)

current version: 5.7.0

freeze\_meeting: smg-22

WG (prime /

T2 / -

rapporteur:

RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes U:

MCC:

RODERMUND, Friedhelm

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	<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

current version: 5.4.0

freeze\_meeting: smg-22

WG (prime /

S4 / -

rapporteur:

TELECOM ITALIA S.p.A.

G: yes U:

MCC:

USAI, Paolino

USAI, Paolino

remarks - general:

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

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



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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 WG (prime) / N3 / -  
G: yes U: #23: 5.1.0 #24: 5.2.0

KT Freetel Co., Ltd.

rapporporteur: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - general: freeze\_meeting: smg-22  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 1 . 0  
smg-24 1997-12-19 5 . 2 . 0

[get it](#)  
[get it](#)

## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R96 WG (prime) / N1 / -  
G: yes U: #23: 5.1.0 #24: 5.2.0

T-MOBILE DEUTSCHLAND

rapporporteur: JACOBSONH, Dieter  
MCC: JURISIC, Andrijana

remarks - general: freeze\_meeting: smg-22  
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

[get it](#)  
[get it](#)

## TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R96 WG (prime) / N4 / -  
G: yes U: #23: 5.1.0 #24: 5.2.0

SIEMENS AG

rapporporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo

remarks - general: freeze\_meeting: smg-22  
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

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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

remarks - general:

WG (prime / N1 / - rapporteur: GARAPATY, Sonia

G:yes U: JURISIC, Andrijana

MCC: Nortel Networks (USA)

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

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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 /

G: yes U:

N1 / -

rapporteur: M\* NNING, Dirk  
MCC: 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

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## 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 /

G: yes U:

N3 / -

rapporteur: HAN, Seung Don  
MCC: 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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

R96 WG (prime) / N4 / -

rapporteur: LANTELME, Isabelle

MCC: KYMALAINEN, Kimmo

ALCATEL S.A.

freeze\_meeting: smg-22

remarks - general: NP-24: txferred to N4 on closure of N2.  
remarks - this release: U:

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

R96 WG (prime) / N4 / -

rapporteur: PARK, Ian David

Chalmers

VODAFONE LTD

G: yes U:

MCC: KYMALAINEN, Kimmo

#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

remarks - general:

remarks - this release: U:

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

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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  
current version: 5.2.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime /  
G: yes U:  
N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
MCC: KYMALAINEN, Kimmo  
#20: 5.0.0 #24: 5.1.0 #26: 5.2.0  
remarks - this  
release:

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  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime /  
G: yes U:  
N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
MCC: KYMALAINEN, Kimmo  
#20: 5.0.0  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime /  
G: yes U:  
N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
MCC: KYMALAINEN, Kimmo  
#20: 5.0.0  
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

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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 03.84 Multi Party (MP) Supplementary Services; Stage 2

R96  
current version: 5.0.0  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / G: yes U: N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG  
MCC: KYMALAINEN, Kimmo  
#20: 5.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## 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 / G: yes U: N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## 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 / G: yes U: N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software  
remarks - this release:

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

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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 03.88 Call Barring (CB) supplementary services; Stage 2

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## TS 03.90 Unstructured Supplementary Service Data (USSD)

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: CHOTAI, Sunil  
MCC: KYMALAINEN, Kimmo

mm02 plc

remarks - this  
release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R96  
current version: 5.0.2  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft f, r Kommunikations Software

remarks - this  
release: #16: 5.0.0 #18: 5.0.1 #19: 5.0.2

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

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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 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R96 WG (prime) / N1 / - rapporteur: ANDERSEN, Niels Peter Skov MOTOROLA A/S  
freeze\_meeting: smg-22  
MCC: JURISIC, Andrijana  
G: yes U: #20: 5.0.0  
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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## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R96 WG (prime) / N1 / - rapporteur: ANDERSEN, Niels Peter Skov MOTOROLA A/S  
freeze\_meeting: smg-22  
MCC: JURISIC, Andrijana  
G: yes U: #18: 5.0.0  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-18 1996-04-12 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS



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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 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R96  
current version: 5.3.0  
freeze\_meeting: smg-22

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

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

WG (prime / G2 / - rapporteur: ISAACS, Ken  
THOMASEN, Gert  
SIEMENS AG

MCC:

G: yes U:

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-24 1997-12-19 5 . 1 . 0

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[get it](#)

## TS 04.05 Data Link (DL) Layer General Aspects

R96  
current version: 5.0.1  
freeze\_meeting: smg-22

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

MCC:

G: yes U:

remarks - this  
release:

remarks - general:

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

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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) / G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

current version: 5.4.1

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	1997-05-02	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-25	1998-03-20	5	2	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	2	1	<a href="#">get it</a>
smg-29	1999-06-25	5	3	0	<a href="#">get it</a>
ETSI publication	1999-12-22	5	3	1	<a href="#">get it</a>
smg-31	2000-02-16	5	4	0	<a href="#">get it</a>
ETSI Publication	2000-11-28	5	4	1	<a href="#">get it</a>

## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

WG (prime) / N1 / -

rapporteur: HOWELL, Andrew

JURISIC, Andrijana

MOTOROLA Ltd

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-20	1996-10-11	5	1	1	<a href="#">get it</a>
ETSI publication	1997-05-05	5	1	2	<a href="#">get it</a>
smg-21	1997-02-14	5	2	0	<a href="#">get it</a>
ETSI publication	1997-12-19	5	2	1	<a href="#">get it</a>
smg-24	1997-12-19	5	3	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

WG (prime /

G:yes U:

N1 / G2

rapporporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

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

# 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 / N4 / - rapporteur: ANDERSEN, Niels  
Peter Skov  
KYMALAINEN, Kimmo  
MCC: MOTOROLA A/S

G: yes U:

remarks - general:

remarks - this  
release:

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 / N1 / - rapporteur: NOBUYUKI, Uda  
JURISIC, Andrijana  
MCC: NTT COMMWARE Corporation

G: yes U:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-17 1996-02-02 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
smg-21 1997-02-14 5 . 2 . 0 [get it](#)  
ETSI publication 1997-09-15 5 . 2 . 1 [get it](#)  
NP-09 2000-10-24 5 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 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) / G2 / T2 rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

current version: 5.0.2  
freeze\_meeting: smg-22

G: yes U:

remarks - general:

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  
smg-20 1996-10-11 5 . 0 . 1  
ETSI Publication 2000-11-28 5 . 0 . 2

[get it](#)  
[get it](#)  
[get it](#)

## TS 04.13 Performance Requirements on Mobile Radio Interface

R96 WG (prime) / N1 / - rapporteur: DAWES, Peter  
JURISIC, Andrijana  
VODAFONE LTD

current version: 5.1.1  
freeze\_meeting: smg-22

remarks - general:

remarks - this release:  
#18: 5.0.0 #20: 5.1.0

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R96 WG (prime) / G2 / - rapporteur: HOWELL, Andrew  
THOMASEN, Gert  
MOTOROLA Ltd

current version: 5.1.0  
freeze\_meeting: smg-22

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 5 . 0 . 0  
smg-27 1998-10-16 5 . 1 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

WG (prime /

G: yes U:

N3 / - rapporteur: RfSfNEN, Juha NOKIA Corporation

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	<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-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

5.6.1

WG (prime / N3 /

-rapporteur: KLEHN, Norbert

SIEMENS AG

freeze\_meeting: smg-22

G: yes U:

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	

G = required in systems with GERAN access; U = required in systems with UMTS

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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 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R96  
WG (prime) /  
G: yes U:

N1 / - rapporteur: JACOBSON, Dieter  
MCC: T-MOBILE DEUTSCHLAND

freeze\_meeting: smg-22

JURISIC, Andrijana

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

[get it](#)

## TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R96  
WG (prime) /  
G: yes U:

N4 / - rapporteur: SCHMITT, Peter  
MCC: KYMALAINEN, Kimmo  
SIEMENS AG

freeze\_meeting: smg-22

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

ETSI Publication 2000-11-28 5 . 0 . 1

[get it](#)

## TS 04.68 Group Call Control (GCC) Protocol

R96  
WG (prime) /  
G: yes U:

N1 / - rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana  
Nortel Networks (USA)

freeze\_meeting: smg-22

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

[get it](#)

smg-20 1996-10-11 5 . 0 . 1

[get it](#)

smg-27 1998-10-16 5 . 1 . 0

[get it](#)

smg-28 1999-02-12 5 . 2 . 0

[get it](#)

smg-29 1999-06-25 5 . 3 . 0

[get it](#)

smg-30 1999-11-11 5 . 4 . 0

[get it](#)

NP-07 2000-03-15 5 . 5 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 04.69 Broadcast Call Control (BCC) protocol

current version: 5.5.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U: N1 / -  
rapporteur: GARAPATY, Sonia  
MCC: 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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[get it](#)

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

current version: 5.3.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U: N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: 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



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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 / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #20: 5.0.0  
remarks - this release: Gesellschaft f, r Kommunikations Software

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

[get it](#)  
[get it](#)

## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R96  
WG (prime / G:yes U: N4 / - rapporteur: WIEHE, Ulrich  
G:yes U: GYMALAINEN, Kimmo  
MCC: #20: 5.0.0  
remarks - this release: Gesellschaft f, r Kommunikations Software

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

[get it](#)  
[get it](#)

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R96  
WG (prime / G:yes U: N4 / - rapporteur: SHARP, Iain  
G:yes U: GYMALAINEN, Kimmo  
MCC: #20: 5.0.0  
remarks - this release: NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG

MCC: KYMALAINEN, Kimmo

#20: 5.0.0

remarks - this  
release:

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 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R96 current version: 5.0.0

freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software

#20: 5.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R96 current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software

#20: 5.0.0

remarks - this  
release:

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

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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  
current version: 5.1.1  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / G: yes U: N4 / - rapporteur: WIEHE, Ulrich  
Gesellschaft f, r Kommunikations Software  
KYMALAINEN, Kimmo  
MCC: #20: 5.0.0 #24: 5.1.0  
remarks - this release:

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 04.90 Unstructured Supplementary Service Data (USSD)

R96  
current version: 5.0.1  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / G: yes U: N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB  
KYMALAINEN, Kimmo  
MCC: #20: 5.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
ETSI Publication 1996-11-11 5 . 0 . 1

[get it](#)  
[get it](#)

## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R96  
current version: 5.1.2  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / G: yes U: N4 / - rapporteur: WIEHE, Ulrich  
Gesellschaft f, r Kommunikations Software  
KYMALAINEN, Kimmo  
MCC: #16: 5.0.0 #17: 5.1.0  
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  
ETSI Publication 1996-03-02 5 . 1 . 2

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: )  
G1 / -  
rapporteur: JOKINEN, Harri  
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
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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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / G:yes U: )  
G1 / -  
rapporteur: S..BIRE, Benoit USAI, Paolino  
MCC:  
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	1997-05-13	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-25	1998-03-20	5	.	6	.	0		<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	6	.	1		<a href="#">get it</a>
smg-26	1998-06-26	5	.	7	.	0		<a href="#">get it</a>
ETSI publication	1998-12-10	5	.	7	.	1		<a href="#">get it</a>
smg-28	1999-02-12	5	.	8	.	0		<a href="#">get it</a>
ETSI publication	1999-08-04	5	.	8	.	1		<a href="#">get it</a>
GP-01	2000-10-09	5	.	9	.	0		<a href="#">get it</a>
GP-06	2001-10-01	5	.	10	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
R96 current version: 5.6.0  
freeze\_meeting: smg-22  
remarks - general:

G1	/ -	WG (prime / G:yes U:	rapporteur: S..BIRE, Benoit USAI, Paolino MCC: #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	NOKIA Corporation
----	-----	-------------------------	---	-------------------

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  
R96 current version: 5.1.1  
freeze\_meeting: smg-22  
remarks - general:

G1	/ -	WG (prime / G:yes U:	rapporteur: S..BIRE, Benoit USAI, Paolino MCC: #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	NOKIA Corporation
----	-----	-------------------------	---	-------------------

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

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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 /  
G:yes U:  
G1 / - remarks - this  
release:  
rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
MCC: USAI, Paolino

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>
smg-21	1997-05-13	5 . 3 . 1	<a href="#">get it</a>
ETSI publication	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	1986-06-17	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

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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

current version: 5.10.0

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G:yes U:

G1 / -

rapporteur: EL-SAIGH, Amer  
MCC: USAI, Paolino  
remarks - this  
release:

VODAFONE Group Plc

### 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



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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

current version: 5.4.1  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

G1 / - rapporteur: JOKINEN, Harri  
USAI, Paolino

NOKIA MOBILE PHONES

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 0 [get it](#)  
ETSI publication 1997-06-03 5 . 1 . 1 [get it](#)  
smg-23 1997-10-17 5 . 2 . 0 [get it](#)  
draft 1999-03-19 5 . 2 . 1 [get it](#)  
ETSI publication 1999-08-04 5 . 2 . 2 [get it](#)  
GP-01 2000-10-10 5 . 3 . 0 [get it](#)  
GP-02 2000-11-24 5 . 4 . 0 [get it](#)  
edito 2000-11-30 5 . 4 . 1 [get it](#)

## TR 05.22 Radio link management in hierarchical networks

current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

G1 / - rapporteur: VAN BUSSEL, Han  
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 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TR 05.50 Background for RF Requirements

current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime / G: yes U: G1 / - rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino MOTOROLA A/S

MCC: #20: 5.0.0 #21: 5.1.0 #23: 5.1.1

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

smg-21 1997-02-14 5 . 1 . 0 [get it](#)

smg-23 1997-10-17 5 . 1 . 1 [get it](#)

## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

current version: 5.0.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / G: yes U: G1 / - rapporteur: USAI, Paolino USAI, Paolino TELECOM ITALIA S.p.A.

MCC: .

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1998-05-28 5 . 0 . 0 No proper source file available [get it](#)

R96 **06** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

S4 / -

rapporteur: USAI, Paolino

MCC: USAI, Paolino

TELECOM ITALIA S.p.A.  
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

[get it](#)

[get it](#)

[get it](#)

## TS 06.02 Half Rate Speech Processing Functions

current version: 5.0.1

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

S4 / -

rapporteur: AFTELAK, Steve

MCC: USAI, Paolino

#20: 5.0.0

remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

ETSI Publication 1996-11-11 5 . 0 . 1

[get it](#)

[get it](#)

## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

current version: 5.1.1

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

S4 / -

rapporteur: AFTELAK, Steve

MCC: USAI, Paolino

#20: 5.0.0 #22: 5.1.0 #23: 5.1.1

remarks - this release:

MOTOROLA Ltd

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

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime /  
G: yes U:

S4 / - rapporteur: AFTELAK, Steve  
MOTOROLA Ltd

USAI, Paolino

#20: 5.0.0 #22: 5.1.0 #23: 5.2.0

remarks - this  
release:

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

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime /  
G: yes U:

S4 / - rapporteur: SALEM, Tarek  
T-MOBILE DEUTSCHLAND

USAI, Paolino

#20: 5.0.0

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

## TS 06.10 Full Rate Speech Transcoding

WG (prime /  
G: yes U:

S4 / - rapporteur: LORENZ, Dietmar  
PHILIPS Semiconductors

USAI, Paolino

remarks - this  
release:

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

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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 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

WG (prime /  
G: yes U:

S4 / - NAVARRO, William  
USAI, Paolino

rapporteur: #20: 5.0.0 #23: 5.0.1  
MCC:

remarks - this  
release:

freeze\_meeting: smg-22

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-23 1997-10-17 5 . 0 . 1

[get it](#)  
[get it](#)

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

WG (prime /  
G: yes U:

S4 / - TELECOM ITALIA S.p.A.

rapporteur: SERENO, Daniele  
USAI, Paolino

MCC: #20: 5.0.0  
remarks - this  
release:

freeze\_meeting: smg-22

remarks - general:

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 06.20 Half Rate Speech Transcoding

WG (prime /  
G: yes U:

S4 / - MOTOROLA Ltd

rapporteur: AFTELAK, Steve  
USAI, Paolino

MCC: #20: 5.0.0 #22: 5.1.0  
remarks - this  
release:

freeze\_meeting: smg-22

remarks - general:

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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[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

R96  
WG (prime) / S4 / -  
G: yes U: AFTELAK, Steve  
freeze\_meeting: smg-22 USAI, Paolino  
MOTOROLA Ltd  
MCC: #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

[get it](#)  
[get it](#)

## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

R96  
WG (prime) / S4 / -  
G: yes U: AFTELAK, Steve  
freeze\_meeting: smg-22 USAI, Paolino  
MOTOROLA Ltd  
MCC: #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

[get it](#)  
[get it](#)

## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

R96  
WG (prime) / S4 / -  
G: yes U: USAI, Paolino  
freeze\_meeting: smg-22 USAI, Paolino  
TELECOM ITALIA S.p.A.  
MCC: #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

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

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

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
Indicate persons who left Company and wait for new One

remarks - this release:  
MCC: #20: 5.0.0 #23: 5.0.2

[get it](#)  
[get it](#)  
[get it](#)

## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R96  
current version: 5.1.1  
freeze\_meeting: smg-22

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

WG (prime / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino  
Indicate persons who left Company and wait for new One

remarks - this release:  
MCC: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R96  
current version: 5.0.1  
freeze\_meeting: smg-22

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0  
smg-22 1997-06-13 5 . 0 . 1

WG (prime / S4 / - rapporteur: BARRETT, Paul  
G: yes U: USAI, Paolino  
Indicate persons who left Company and wait for new One

remarks - this release:  
MCC: #20: 5.0.0 #22: 5.0.1

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
R96 WG (prime /  
G: yes U:

freeze\_meeting: smg-22

remarks - general:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32: 5.2.0 TSG#10: 5.3.0  
remarks - this release:

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 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

R96 WG (prime /  
G: yes U:

freeze\_meeting: smg-22

remarks - general:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32: 5.2.0 TSG#10: 5.3.0  
remarks - this release:

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



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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 /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
NOKIA Corporation

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## 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 /  
G: yes U:

S4 / - rapporteur: SALEM, Tarek  
USAI, Paolino  
T-MOBILE DEUTSCHLAND

remarks - this  
release: #19: 5.0.0

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

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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 / S4 / - rapporteur: Jf RVINEN, Kari  
G: yes U: USAI, Paolino  
MCC: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0  
remarks - this release:

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-23 1997-10-17 5 . 1 . 3 [get it](#)  
smg-25 1998-03-20 5 . 2 . 0 [get it](#)  
ETSI Publication 1998-04-20 5 . 2 . 1 [get it](#)

## TS 06.61 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 / S4 / - rapporteur: Jf RVINEN, Kari  
G: yes U: USAI, Paolino  
MCC: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1  
remarks - this release:

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 1996-11-11 5 . 1 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R96 WG (prime /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino NOKIA Corporation

freeze\_meeting: smg-22

remarks - this #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3  
release:

### 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](#)

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R96 WG (prime /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino NOKIA Corporation

freeze\_meeting: smg-22

remarks - this #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0  
release:

### 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

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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 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

WG (prime /

G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari

USAI, Paolino

MCC: NOKIA Corporation

remarks - this #17: 5.0.0 #20: 5.0.2 #22: 5.0.3  
release:

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](#)

## TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

WG (prime /

G: yes U:

S4 / -

rapporteur: USAI, Paolino

USAI, Paolino

MCC: TELECOM ITALIA S.p.A.

remarks - this #26: 5.0.0  
release:

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

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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 WG (prime) /  
G: yes U:

N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don

remarks - general:

remarks - this  
release:

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 . 1 [get it](#)  
smg-19 1996-06-28 5 . 2 . 0 [get it](#)  
smg-20 1996-10-11 5 . 3 . 0 [get it](#)  
smg-21 1997-02-14 5 . 4 . 0 [get it](#)  
smg-22 1997-06-13 5 . 5 . 0 [get it](#)  
smg-23 1997-10-17 5 . 6 . 0 [get it](#)  
smg-24 1997-12-19 5 . 7 . 0 [get it](#)  
smg-25 1998-03-20 5 . 8 . 0 [get it](#)  
smg-28 1999-02-12 5 . 9 . 0 [get it](#)  
ETSI Publication 1999-03-12 5 . 9 . 1 [get it](#)

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 WG (prime) /  
G: yes U:

N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don

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 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 1 [get it](#)  
smg-21 1997-02-14 5 . 2 . 0 [get it](#)  
smg-22 1997-06-13 5 . 3 . 0 [get it](#)  
smg-23 1997-10-17 5 . 4 . 0 [get it](#)  
smg-24 1997-12-19 5 . 5 . 0 [get it](#)  
ETSI Publication 1998-01-19 5 . 5 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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) / N3 / -  
freeze\_meeting: smg-22  
current version: 5.4.1  
remarks - general: HUSLENDE, Ragnar Telefon AB LM Ericsson  
HAN, Seung Don  
#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:  
MCC:

### history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0	
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-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>
ETSI Publication	1998-01-19	5	.	4	.	1	<a href="#">get it</a>

## 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) / T2 / -  
freeze\_meeting: smg-22  
current version: 5.5.0  
remarks - general: HARRIS, Ian Research In Motion Limited  
RODERMUND, Friedhelm  
remarks - this release:  
MCC:

### history (event, available, version, comments, hyperlink):

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	4	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	5	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:  
T2 / -  
rapporteur: VOTE, Nicola  
RODERMUND, Friedhelm  
MCC:  
remarks - this  
release:

NTT DoCoMo Inc.

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 /  
G: yes U:  
T2 / -  
rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
MCC:  
RODERMUND, Friedhelm  
#20: 5.0.0 #21: 5.1.0 #24: 5.2.0  
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-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

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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 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R96 WG (prime /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
KT Freetel Co., Ltd.

freeze\_meeting: smg-22

MCC: HAN, Seung Don

remarks - general:

remarks - this  
release: #24: 5.1.0

history (event, available, version, comments, hyperlink):

smg-24 1997-12-19 5 . 1 . 0

[get it](#)

## R96

08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

## TS 08.01 General Aspects on the BSS-MSC Interface

R96 current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime /

G2 / - rapporteur: ANDERSEN, Niels  
MOTOROLA A/S

freeze\_meeting: smg-22

MCC: Peter Skov  
THOMASEN, Gert

remarks - general:

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



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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 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-22 MCC: MOTOROLA A/S

G: yes U:

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-21 1997-02-14 5 . 1 . 0 [get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R96 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-22 MCC: MOTOROLA A/S

G: yes U:

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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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R96 WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
freeze\_meeting: smg-22 MCC: MOTOROLA A/S

G: yes U:

remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-25 1998-03-20 5 . 2 . 0 [get it](#)  
smg-28 1999-02-12 5 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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  
WG (prime) / G2 / -  
current version: 5.12.0  
freeze\_meeting: smg-22  
rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S  
MCC:

G: yes U:

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	.	1	.	0
smg-18		5	.	2	.	0
smg-19		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		5	.	7	.	0
smg-24		5	.	8	.	0
smg-25		5	.	9	.	0
smg-28	1998-06-29	5	.	10	.	0
smg-29	1999-06-25	5	.	11	.	0
smg-31b	2000-04-17	5	.	12	.	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

R96  
WG (prime) / G2 / -  
current version: 5.0.0  
freeze\_meeting: smg-22  
rapporteur: BLACK, Jyoti  
THOMASEN, Gert  
MOTOROLA Ltd  
MCC:

G: yes U:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	5	.	0	.	0
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withdrawn smg-25

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

R96 WG (prime / N3 / - rapporteur: RfSfNEN, Juha HAN, Seung Don NOKIA Corporation

freeze\_meeting: smg-22

G: yes U:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-21 1997-02-14 5 . 1 . 0 [get it](#)  
smg-22 1997-06-13 5 . 2 . 0 [get it](#)  
smg-24 1997-12-19 5 . 3 . 0 [get it](#)  
NP-11 2001-04-04 5 . 4 . 0 [get it](#)

## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

R96 WG (prime / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert MOTOROLA A/S

freeze\_meeting: smg-22

G: yes U:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Principles

R96 WG (prime / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert MOTOROLA A/S

freeze\_meeting: smg-22

G: yes U:

remarks - general:  
remarks - this release:

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

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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

remarks - general:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
MOTOROLA A/S  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-16 1995-10-20 5 . 0 . 0 [get it](#)

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## TS 08.56 BSC-BTS Layer 2; Specification

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
G: yes U: MCC: THOMASEN, Gert  
MOTOROLA A/S  
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

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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 / G2 / -

current version: 5.10.0  
freeze\_meeting: smg-22

rapporporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov  
THOMASEN, Gert

G: yes U:

remarks - general:

remarks - this release:  
#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  
smg-19 1996-06-28 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-29 1999-06-25 5 . 9 . 0  
smg-30 1999-11-11 5 . 10 . 0

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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 R96 WG (prime / G1 / -

current version: 5.1.1

freeze\_meeting: smg-22

rapporporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov  
USAI, Paolino

G: yes U:

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  
smg-19 1996-06-28 5 . 0 . 1  
smg-20 1996-10-11 5 . 0 . 2  
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

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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 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

R96 WG (prime / G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S

current version: 5.0.1 Peter Skov

freeze\_meeting: smg-22 USAI, Paolino

G: yes U:

Ownership change

remarks - this

release:

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](#)

## R96 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

R96 current version: 5.0.0

freeze\_meeting: smg-22

remarks - general:

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: KYMALAINEN, Kimmo

remarks - this

release:

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

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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 / G:yes U:  
N4 / - remarks - this release:  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft für Kommunikations Software

### 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

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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  
R96 current version: Mobile Network (PLMN) / N3 / HAN, Seung Don KT Freetel Co.,  
Ltd. - *rporteur:*

*freeze\_meeting:* smg-22  
*remarks - general:* N3: "no R99 needed".

G: yes U: HAN, Seung Don  
*remarks - this* #20: 5.0.0  
*release:*

*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 HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 HAN, Seung Don  
*remarks - general:* N3: "no R99 needed". HAN, Seung Don  
MCC: #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 HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 HAN, Seung Don  
*remarks - general:* N3: "no R99 needed". HAN, Seung Don  
MCC: #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



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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/Intergated Services digital Network (PSPDN/ISDN) for Support of  
R96 current version: Packet Switched Data Transmission Services 5.0.2 HAN, Seung Don KT Freetel Co.,  
Ltd. WG (prime / N3 / -rapporteur:

freeze\_meeting: smg-22  
remarks - general: N3: "no R99 needed".

G: yes U:  
MCC: HAN, Seung Don  
#19: 5.0.0 #20: 5.0.1  
remarks - this  
release:

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 Intergated Services Digital Network (ISDN) or Public Switched Telephone  
R96 current version: Network (PSTN) 5.10.1 BELLING, Thomas SIEMENS AG  
WG (prime / N3 / -rapporteur:

freeze\_meeting: smg-22  
remarks - general:

G: yes U:  
MCC: HAN, Seung Don  
#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  
remarks - this  
release:

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

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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 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R96 WG (prime) / N1 / - rapporteur: FARHOUUMAND, Ericsson Incorporated  
current version: 5.1.0 Rouzbeh  
freeze\_meeting: smg-22 JURISIC, Andrijana  
G: yes U: MCC: #20: 5.0.0 #21: 5.1.0  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-21 1997-02-14 5 . 1 . 0 [get it](#)

## TS 09.10 Information Element Mapping between Mobile Station (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS)

R96 current version: 5.2.0WG (prime) / N4 / - rapporteur: KYMALAINEN, Kimmo  
TeliaSonera AB

freeze\_meeting: smg-22

remarks - general:

G: yes U: MCC: KYMALAINEN, Kimmo  
remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0

history (event, available, version, comments, hyperlink):

smg-17 1996-02-02 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)  
smg-23 1997-10-17 5 . 2 . 0 [get it](#)

## TS 09.11 Signalling Interworking for Supplementary Services

R96 WG (prime) / N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software  
current version: 5.1.0 KYMALAINEN, Kimmo  
freeze\_meeting: smg-22 MCC: #18: 5.0.0 #19: 5.1.0  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0 [get it](#)  
smg-19 1996-06-28 5 . 1 . 0 [get it](#)

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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 /  
G: yes U:

N4 / -

rapporteur: NOLDUS Rogier

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-21 2000-02-14 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](#)  
smg-24 1997-12-19 5 . 3 . 0 [get it](#)  
smg-25 1998-03-20 5 . 4 . 0 [get it](#)  
smg-26 1998-06-26 5 . 5 . 0 [get it](#)  
smg-28 1999-02-12 5 . 6 . 0 [get it](#)  
smg-29 1999-06-25 5 . 7 . 0 [get it](#)

## 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 /  
G: yes U:

N1 / -

rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-17? 1996-02-02 5 . 0 . 0 [get it](#)  
smg-22 2001-01-02 5 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

**TR 09.94** Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

WG (prime / N1 / -

rapporteur: ANDERSEN, Niels MOTOROLA A/S

current version: 5.1.1

Peter Skov

G: yes U:

JURISIC, Andrijana

MCC: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 withdrawn SMG-30; reinstated NP-16 [get it](#)  
 NP-16 2002-06-26 5 . 1 . 0 [get it](#)  
 edito post NP-18 2002-12-16 5 . 1 . 1 minor editorials to change style from [get it](#)  
 TS to TR.

**R96** 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

**TS 10.00** Digital Cellular Telecommunication System Feature Description

WG (prime / S2 / -

rapporteur: BERGMANN, Ansgar Deutsche Telekom AG

current version: 5.2.1

BOSWARTHICK, David

G: yes U:

freeze\_meeting: smg-22

remarks - this release: Jun00: version we have is actually 5.1.2 !

history (event, available, version, comments, hyperlink):

smg-19 5 . 0 . 0 [get it](#)  
 smg-19 5 . 1 . 0  
 edito 5 . 1 . 2  
 smg-20 5 . 2 . 0  
 Editorial correction 1996-11-11 5 . 2 . 1 [get it](#)

# 3GPP specification status

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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)

## TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96  
WG (prime) /  
G: yes U:

N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

MCC: KYMALAINEN, Kimmo

remarks - this #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0  
release:

history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 1 . 0 . 0 [get it](#)  
smg-25 1998-03-20 1 . 1 . 0 [get it](#)  
smg-25 1998-03-20 5 . 0 . 0 [get it](#)  
smg-28 1999-02-12 5 . 1 . 0 [get it](#)

## TR 10.14 System overview for 14.4 kbit/s Work Item

R96  
WG (prime) /

G: yes U:

S2 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

MCC: BOSWARTHICK, David

remarks - general: still alive? June-2001.no. So no propagation to later releases.  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-22 1997-06-18 1 . 0 . 0 [get it](#)  
smg-22 1997-07-23 1 . 0 . 1 [get it](#)  
smg-22 2 . 0 . 0  
smg-22 5 . 0 . 0

## TR 10.20 Lawful Interception requirements for GSM

R96  
WG (prime) /

G: yes U:

S3 / - rapporteur: MCKIBBEN, Bernie MOTOROLA GmbH

MCC: POPE, Maurice

remarks - this SMG#20:5.0.0  
release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI publication 1997-01-20 5 . 0 . 1 [get it](#)

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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

G: yes U:

MCC: CLAYTON, Michael

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: #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

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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 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96 G3new/ S1 / NP / T2 / SCP

WG (prime) /

rappporteur: SALMERON, Lidia TELEPLUS LIMITED

G: yes U:

MCC: CLAYTON, Michael

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	<a href="#">get it</a>
smg-18	1996-04-12	5	0	0	<a href="#">get it</a>
ETSI publication	2000-06-23	5	0	1	<a href="#">get it</a>
GP-06	2001-09-06	5	1	0	<a href="#">get it</a>

## TS 11.10-4

### Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96 T3 / G2, rappporteur: SALMERON, Lidia TELEPLUS LIMITED

G3new

WG (prime) /

freeze\_meeting: smg-22

G: yes U:

MCC: RODERMUND, Friedhelm

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	<a href="#">get it</a>
smg-31	2000-02-16	5	1	0	<a href="#">get it</a>
editorial	2000-09-15	5	1	1	<a href="#">get it</a>
GP-02	2000-11-30	5	2	0	<a href="#">get it</a>
GP-04	2001-03-29	5	3	0	<a href="#">get it</a>
GP-04	2001-04-11	5	3	0	<a href="#">get it</a>
GP-06	2001-08-31	5	4	0	<a href="#">get it</a>
GP-07	2002-01-09	5	5	0	<a href="#">get it</a>
GP-13	2003-02-21	5	6	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

T3 / -  
rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
MCC: RODERMUND, Friedhelm

remarks - general:  
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



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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  
WG (prime / T3 / -  
G: yes U: Axalto S.A.  
rapporteur: RODERMUND, Friedhelm  
MCC:  
remarks - general: 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>
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-27	1998-10-16	5	.	9	.	0	<a href="#">get it</a>

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R96  
current version: 5.2.1  
freeze\_meeting: smg-22  
WG (prime / G1 / -  
G: yes U: ANDERSEN, Niels  
rapporteur: Peter Skov  
MCC: USAI, Paolino  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

<to be defined>	5	.	0	.	0	<a href="#">get it</a>	
smg-25	1998-03-20	5	.	1	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	2	.	0	<a href="#">get it</a>
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

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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

R96 WG (prime /  
G: yes U:

S5 / S1 rapporteur: TRUSS, Michael  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd

remarks - general:  
freeze\_meeting: smg-22  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-22 1997-06-13 5 . 0 . 0  
Editorial correction 1997-07-13 5 . 0 . 1

[get it](#)  
[get it](#)

## TS 12.05 Subscriber Related Call and Event Data

R96 WG (prime /  
G: yes U:

S5 / S1 rapporteur: ALEXANDER, Benni  
MCC: ZOICAS, Adrian  
NOKIA Corporation

remarks - general:  
freeze\_meeting: smg-22  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0  
Editorial correction 1997-10-17 5 . 0 . 1

[get it](#)  
[get it](#)

## TS 12.08 Subscriber and Equipment trace

R96 WG (prime /  
G: yes U:

S5 / NP rapporteur: RONKA, Kari  
MCC: ZOICAS, Adrian  
NOKIA Corporation

remarks - general:  
freeze\_meeting: smg-22  
remarks - this release:

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

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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 WG (prime) /  
G: yes U:

G1 / S5 rapporteur: TRUSS, Michael  
MCC: USAI, Paolino  
MOTOROLA Ltd

freeze\_meeting: smg-22

remarks - general: SP-13; S5->G3 but no change of rapporteur.

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 WG (prime) /  
G: yes U:

SP / - rapporteur: MEREDITH, John M  
MCC: POPE, Maurice  
ETSI Secretariat

freeze\_meeting:

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 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

freeze\_meeting: smg-11b

S1 / GP / rapporteur: CLAYTON, Michael EMCOM Ltd

NP

MCC: CLAYTON, Michael

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

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## TR 01.04 Abbreviations and acronyms

current version: 4.1.2

freeze\_meeting: smg-11b

WG (prime /

G: yes U:

GP / - rapporteur: CLAYTON, Michael EMCOM Ltd

USAI, Paolino

MCC:

remarks - general:

remarks - this release:

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

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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)

Ph2 WG (prime / S1 / -  
G: yes U: KOKKOLA, Tommi  
CLAYTON, Michael

NOKIA Corporation

rappporteur:

MCC:

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-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)

Ph2 WG (prime / S1 / -  
G: yes U: CARPENTER, Paul  
CLAYTON, Michael

Research In Motion Limited

rappporteur:

MCC:

remarks - general:  
freeze\_meeting: smg-11b  
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
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

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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 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

WG (prime /  
G: yes U:

S1 / -

rapporporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

remarks - this  
release:

freeze\_meeting: smg-11b

remarks - general:

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 /  
G: yes U:

S1 / -

rapporporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

remarks - this  
release:

freeze\_meeting: smg-11b

remarks - general:

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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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)

current version: 4.5.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U:  
S1 / -  
rapporteur: WATSON, John  
CLAYTON, Michael  
MCC:  
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

current version: 4.8.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U:  
S1 / -  
rapporteur: WATSON, John  
CLAYTON, Michael  
MCC:  
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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G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime /

G: yes U:

S3

/ S1 / NP

rappporteur:

CHRISTOFFERSSON, TellaSonera.AB

Per

POPE, Maurice

MCC:

remarks - this  
release:

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

remarks - general:

WG (prime /

G: yes U:

S1

/ -

rappporteur:

IBIDUN, Kunle

CLAYTON, Michael

MCC:

ORANGE SA

remarks - this  
release:

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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G = required in systems with GERAN access; U = required in systems with UMTS



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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 /  
G: yes U:  
S1 / -  
rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael  
NOKIA Corporation  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 1 [get it](#)  
smg-12 1994-10-07 4 . 4 . 0 [get it](#)  
smg-13 1995-01-27 4 . 5 . 0 [get it](#)  
smg-30 1999-11-11 4 . 6 . 0 [get it](#)  
ETSI publication 2000-07-07 4 . 6 . 1 [get it](#)  
smg-08 1993-10-01 4 . 7 . 0 [get it](#)  
ETSI publication 2000-11-28 4 . 7 . 1 [get it](#)

## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

Ph2  
current version: 4.3.3  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
T3 / S1  
rapporteur: HOOKER, Philip  
MCC: RODERMUND, Friedhelm  
ORANGE PCS LTD  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

.. 2001-08-30 4 . 0 . 0 [get it](#)  
smg-02 2001-08-30 4 . 1 . 0 167/92 [get it](#)  
smg-05 1993-06-25 4 . 2 . 0 98/93 [get it](#)  
.. 2001-08-30 4 . 2 . 1 [get it](#)  
smg-08 4 . 3 . 0 [get it](#)  
.. 1993-10-01 4 . 3 . 1 [get it](#)  
ETSI PE 1993-11-01 4 . 3 . 2 [get it](#)  
ETSI publication 1994-09-13 4 . 3 . 3 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / S1 / rapporteur: DEOL, Amar  
G: yes U: Clayton, Michael  
MCC: Nortel Networks (USA)

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

## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

Ph2  
current version: 4.13.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / S1 / rapporteur: JEAL, David  
G: yes U: Clayton, Michael  
MCC: VODAFONE Group Plc)

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: S1 / NP rapporteur: DEOL, Amar  
CLAYTON, Michael  
MCC: Nortel Networks (USA)  
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 /  
G: yes U: S1 / rapporteur: WATSON, John  
CLAYTON, Michael  
MCC: 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 . 5 . 0  
ETSI PE 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

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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 / S1 / - rapporteur: BLOMSTRAND, Ola  
G: yes U: Clayton, Michael  
TeliaSonera AB  
MCC: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 1 [get it](#)  
smg-10 1994-04-15 4 . 4 . 0 [get it](#)  
smg-11 1994-07-01 4 . 4 . 1 [get it](#)  
smg-12 1994-10-07 4 . 5 . 0 [get it](#)  
smg-16 1995-10-20 4 . 5 . 1 [get it](#)  
smg-24 1997-12-19 4 . 6 . 0 [get it](#)  
ETSI publication 1998-06-17 4 . 6 . 1 [get it](#)

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2  
current version: 4.5.2  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / S1 / - rapporteur: IBIDUN, Kunle  
G: yes U: Clayton, Michael  
ORANGE SA  
MCC: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 2 [get it](#)  
smg-10 1994-04-15 4 . 5 . 0 [get it](#)  
smg-16 1995-10-20 4 . 5 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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 02.83 Ph2

**Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1**  
WG (prime /  
G: yes U:

S1 / -  
rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd  
#7: 4.6.3 #10: 4.6.5 #16: 4.6.7  
remarks - this  
release:

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 Ph2

**MultiParty (MPTY) Supplementary Services; Stage 1**  
WG (prime /  
G: yes U:

S1 / -  
rapporteur: SWETINA, Joerg  
MCC: CLAYTON, Michael  
SIEMENS AG  
#7: 4.4.2 #11: 4.4.5 #16: 4.4.7  
remarks - this  
release:

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 Ph2

**Closed User Group (CUG) Supplementary Services; Stage 1**  
WG (prime /  
G: yes U:

S1 / -  
rapporteur: BLOMSTRAND, Ola  
MCC: CLAYTON, Michael  
TeliaSonera AB  
#7: 4.2.2 #16: 4.2.6  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 2  
smg-16 1995-10-20 4 . 2 . 6

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:  
S1 / - rapporteur: DEOL, Amar  
CLAYTON, Michael  
MCC: #7: 4.1.1 #16: 4.1.5  
remarks - this  
release:

Nortel Networks (USA)

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 1  
smg-16 1993-10-01 4 . 1 . 5

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[get it](#)

## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph2  
current version: 4.4.3  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
S1 / - rapporteur: ACHTER, Johannes  
CLAYTON, Michael  
MCC: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3  
remarks - this  
release:

T-Mobile International AG

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

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## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
S1 / - rapporteur: IGNATIUS, Jan  
CLAYTON, Michael  
MCC: #8: 4.0.1 #21: 4.1.0  
remarks - this  
release:

NOKIA Corporation

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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U:	S2 / NP	rappporteur: MCC:	GAASVIK, Per-Ola BOSWARTHICK, David	COMVIQ GSM AB
		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

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**TS 03.02** Network Architecture  
Ph2 current version: 4.2.1  
freeze\_meeting: smg-11b

WG (prime / G: yes U:	S2 / NP / T2	rappporteur: MCC:	MILINSKI, Alexander BOSWARTHICK, David	SIEMENS AG
		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

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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 /  
G: yes U:

N4 / T2 rapporteur: RUSSELL, Nick  
MCC: KYMALAINEN, Kimmo

VODAFONE LTD

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-09 1994-01-21 4 . 8 . 0  
smg-12 1994-10-07 4 . 9 . 0  
NP-07 2000-03-17 4 . 10 . 0  
NP-08 2000-06-23 4 . 11 . 0  
Editorial 2001-01-04 4 . 11 . 1

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## 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 /  
G: yes U:

N4 / SPA rapporteur: KYMALAINEN, Kimmo  
N / T2 TeliaSonera AB

MCC: KYMALAINEN, Kimmo  
#7: 4.0.1

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
Publication 1996-01-19 4 . 0 . 4

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G = required in systems with GERAN access; U = required in systems with UMTS



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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

current version: 4.1.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U: NP / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
BOSWARTHICK, David  
MCC: #7: 4.0.0 #19:4.1.0  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
smg-19 1996-06-28 4 . 1 . 0

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## TS 03.07 Restoration Procedures

current version: 4.3.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U: N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
KYMALAINEN, Kimmo  
MCC:

remarks - this  
release:

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

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[get it](#)

## TS 03.08 Organization of Subscriber Data

current version: 4.8.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U: N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG  
KYMALAINEN, Kimmo  
MCC:

remarks - this  
release:

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

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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

WG (prime / N1 / - rapporteur: FARHOUUMAND, Ericsson Incorporated  
Rouzbeh  
JURISIC, Andrijana  
MCC: #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  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	1	0	<a href="#">get it</a>
smg-08	1993-10-01	4	2	0	<a href="#">get it</a>
smg-09	1994-01-21	4	2	1	<a href="#">get it</a>
smg-10	1994-04-15	4	3	0	<a href="#">get it</a>
smg-11	1994-07-01	4	4	0	<a href="#">get it</a>
smg-12	1994-10-07	4	5	0	<a href="#">get it</a>
smg-17	1996-02-02	4	6	0	<a href="#">get it</a>

**TS 03.10** GSM Public Land Mobile Network (PLMN) Connection Types

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

WG (prime / N3 / - rapporteur: HAN, Seung Don  
HAN, Seung Don  
MCC: #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  
G: yes U: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	2	1	<a href="#">get it</a>
smg-08	1993-10-01	4	3	0	<a href="#">get it</a>
Publication	1994-09-13	4	3	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG  
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	1996-04-12	4	.	10	. 0
smg-18	4	.	10	.	1

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## TS 03.12 Location Registration Procedures

WG (prime /  
G: yes U:

N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
MCC: KYMALAINEN, Kimmo

remarks - general:  
remarks - this release:

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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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 /  
G: yes U:  
G1 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
#7: 4.0.1  
remarks - this  
release: TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
Publication 1994-09-13 4 . 0 . 4

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## 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:

N1 / - rapporteur: ZAUS, Robert  
MCC: JURISIC, Andrijana  
#7: 4.0.0 #10: 4.1.0  
remarks - this  
release: SIEMENS AG

WG (prime /  
G: yes U:

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

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## TS 03.15 Technical Realization of Operator Determined Barring

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b  
remarks - general:

N4 / - rapporteur: PARK, Ian David  
MCC: Chalmers  
#7: 4.2.0 #10: 4.3.0  
remarks - this  
release: KYMALAINEN, Kimmo  
VODAFONE LTD

WG (prime /  
G: yes U:

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

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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 / N4 / - / rapporteur: WIEHE, Ulrich / Gesellschaft f, r Kommunikations Software  
G: yes U: KYMALAINEN, Kimmo  
MCC: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1  
remarks - this release:

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 / S3 / NP / rapporteur: NGUYEN NGOC, / France Telecom  
G: yes U: GP / Sebastien  
MCC: POPE, Maurice  
remarks - this release:

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

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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 Ph2 Functions related to Mobile Station (MS) in idle mode and group receive mode

WG (prime /

freeze\_meeting: smg-11b

G: yes U:

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-07	1993-06-25	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-11	1994-07-01	4 . 7 . 0	<a href="#">get it</a>
smg-12	1994-10-07	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-17	1996-02-02	4 . 11 . 0	<a href="#">get it</a>

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

WG (prime /

freeze\_meeting: smg-11b

G: yes U:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	4 . 1 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 2 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 3 . 0	<a href="#">get it</a>

G1 / N1 rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

MCC:

G1 / NP rapporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

MCC:

remarks - this release:

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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

Ph2  
current version: 4.3.0  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / G: yes U: )  
GP / - rapporteur: TEGTH, Uf TellaSonera, AB  
USAI, Paolino  
MCC: #7: 4.2.0 #9: 4.2.1 #13: 4.3.0  
remarks - this release:

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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## TS 03.38 Alphabets and language-specific information

Ph2  
current version: 4.0.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / G: yes U: )  
T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
RODERMUND, Friedhelm  
MCC: #10: 4.0.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-10 4 . 0 . 0  
Publication 1994-09-13 4 . 0 . 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 03.40 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 / T2 / - rapporteur: HARRIS, Ian  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	4	. 6	. 0	<a href="#">get it</a>	
smg-08	2004-04-27	4	. 7	. 0	<a href="#">get it</a>
smg-10	1994-04-15	4	. 8	. 1	<a href="#">get it</a>
smg-11	2004-04-27	4	. 9	. 0	<a href="#">get it</a>
ETSI publication	1997-08-05	4	. 9	. 1	<a href="#">get it</a>
post smg-11					
ETSI publication	2004-04-27	4	. 10	. 0	<a href="#">get it</a>
smg-15	1995-07-07	4	. 11	. 0	<a href="#">get it</a>
smg-16	1995-10-20	4	. 12	. 0	<a href="#">get it</a>
smg-18	1996-04-12	4	. 13	. 0	<a href="#">get it</a>

Published as ETS amendment A1

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2  
current version: 4.11.0  
freeze\_meeting: smg-11b

WG (prime / T2 / - rapporteur: HARRIS, Ian  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	. 4	. 1	<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-12	1994-10-07	4	. 9	. 0	<a href="#">get it</a>
smg-13	1995-01-27	4	. 10	. 0	<a href="#">get it</a>
smg-16	1995-10-20	4	. 11	. 0	<a href="#">get it</a>

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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

remarks - general:

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this release:

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

remarks - general:

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this release:

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

remarks - general:

WG (prime / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC:  
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-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

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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 / G: yes U:  
freeze\_meeting: smg-11b

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
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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[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)

WG (prime / G: yes U:  
freeze\_meeting: smg-11b

T2 / - rapporteur: RODERMUND, Friedhelm  
MCC: RODERMUND, Friedhelm  
Rodermund, Friedhelm Vodafone D2 GmbH

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-12	1994-10-07	4	.	2	.	1
smg-18	1996-04-12	4	.	4	.	0

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

WG (prime) / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: 4.6.0

freeze\_meeting: smg-11b

G: yes U:

MCC: RODERMUND, Friedhelm

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	<a href="#">get it</a>
smg-11	1994-07-01	4	3	0	<a href="#">get it</a>
smg-12	1994-10-07	4	4	0	<a href="#">get it</a>
smg-13	1995-01-27	4	5	0	<a href="#">get it</a>
smg-16	1995-10-20	4	6	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) / S4 / - rapporteur: USAI, Paolino  
G: yes U: USAI, Paolino

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	<a href="#">get it</a>
smg-09	1994-01-21	4	1	0	<a href="#">get it</a>
smg-15	1995-07-07	4	2	0	<a href="#">get it</a>
smg-24	1997-12-19	4	3	0	<a href="#">get it</a>
smg-25	1998-03-20	4	4	0	<a href="#">get it</a>
smg-27	1998-10-16	4	5	0	<a href="#">get it</a>
smg-28	1999-02-12	4	6	0	<a href="#">get it</a>
Editorial	1999-03-12	4	6	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 03.70 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 /  
G: yes U:

N3 / - rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don  
#7: 4.0.0 #8: 4.0.1  
remarks - this  
release:

KT Freetel Co., Ltd.

### 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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[get it](#)  
[get it](#)

## TS 03.81 Line Identification Supplementary Services; Stage 2

Ph2  
current version: 4.8.1  
freeze\_meeting: smg-11b

WG (prime /  
G: yes U:

N4 / - rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

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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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  
current version: 4.8.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
N4 / -  
rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
MCC: KYMALAINEN, Kimmo  
#7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0  
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 . 5 . 1 [get it](#)  
smg-10 1994-04-15 4 . 6 . 0 [get it](#)  
smg-12 1994-10-07 4 . 7 . 0 [get it](#)  
smg-18 1996-04-12 4 . 8 . 0 [get it](#)  
Editorial 1996-05-12 4 . 8 . 1 [get it](#)

## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2  
current version: 4.4.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
N4 / -  
rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
MCC: KYMALAINEN, Kimmo  
#7: 4.3.0 #11: 4.3.2 #12: 4.4.0  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 0 [get it](#)  
smg-11 1994-07-01 4 . 3 . 2 [get it](#)  
smg-12 1994-10-07 4 . 4 . 0 [get it](#)  
Editorial 1994-11-07 4 . 4 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / N4 / -  
G: yes U: )  
rporteur: HABERMANN, Steffen T-Mobile International AG  
MCC: KYMALAINEN, Kimmo  
#7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0  
remarks - this release:

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 / N4 / -  
G: yes U: )  
rporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r 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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[get it](#)

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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  
current version: 4.6.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / G: yes U: N4 / -)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
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  
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-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  
current version: 4.6.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / G: yes U: N4 / -)  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0  
remarks - this release:

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

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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  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:  
WG (prime / N4 / - rapporteur: CHOTAI, Sunil mm02 plc  
G: yes U: KYMALAINEN, Kimmo  
#8: 4.0.0 #15: 4.1.0  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0 [get it](#)  
smg-15 1995-07-07 4 . 1 . 0 [get it](#)  
Editorial 1995-08-07 4 . 1 . 1 [get it](#)

## 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  
current version: 4.0.4  
freeze\_meeting: smg-11b  
remarks - general:  
WG (prime / N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
G: yes U: Peter Skov  
JURISIC, Andrijana  
MCC: #7: 4.0.1  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1 [get it](#)  
ETSI publication 1996-01-19 4 . 0 . 4 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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

WG (prime /

freeze\_meeting: smg-11b

remarks - general:

N1 / - rapporteur: ANDERSEN, Niels  
Peter Skov

MOTOROLA A/S

MCC: JURISIC, Andrijana

#7: 4.0.1

remarks - this  
release:

G: yes U:

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

WG (prime /

freeze\_meeting: smg-11b

remarks - general:

G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov

MOTOROLA A/S

MCC: THOMASEN, Gert

remarks - this  
release:

G: yes U:

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

WG (prime /

freeze\_meeting: smg-11b

remarks - general:

G2 / - rapporteur: ISAACS, Ken

SIEMENS AG

MCC: THOMASEN, Gert

remarks - this  
release:

G: yes U:

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

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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 / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
G: yes U: 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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[get it](#)

## 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 / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
G: yes U: remarks - this  
release:

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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[get it](#)  
[get it](#)

## 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 / N1 / - rapporteur: HOWELL, Andrew  
JURISIC, Andrijana  
MCC: MOTOROLA Ltd  
G: yes U: remarks - this  
release:

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

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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 Thomasen (even numbered CRs)

WG (prime/  
G:yes U:

N1 / G2 rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana

MOTOROLA Ltd

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

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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 WG (prime) / N4 / -

freeze\_meeting: smg-11b

rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

KYMALAINEN, Kimmo

MCC:

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 0 [get it](#)  
smg-08 1993-10-01 4 . 5 . 0 [get it](#)  
smg-09 1994-01-21 4 . 6 . 0 [get it](#)  
smg-10 1994-04-15 4 . 7 . 0 [get it](#)  
smg-11 1994-07-01 4 . 8 . 0 [get it](#)  
smg-13 1995-01-27 4 . 9 . 0 [get it](#)  
smg-17 1996-02-02 4 . 10 . 0 [get it](#)  
Editorial 1996-03-02 4 . 10 . 1 [get it](#)

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 current version: 4.11.0 WG (prime) / N1 / -

freeze\_meeting: smg-11b

rapporteur: NOBUYUKI, Uda NTT COMMWARE Corporation

JURISIC, Andrijana

MCC:

G: yes U:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 0 [get it](#)  
smg-08 1993-10-01 4 . 4 . 0 [get it](#)  
smg-10 1994-04-15 4 . 5 . 0 [get it](#)  
smg-11 1994-07-01 4 . 6 . 0 [get it](#)  
smg-12 1994-10-07 4 . 7 . 0 [get it](#)  
smg-14 1995-04-07 4 . 8 . 0 [get it](#)  
smg-16 1995-10-20 4 . 9 . 0 [get it](#)  
smg-17 1996-02-02 4 . 10 . 0 [get it](#)  
NP-09 2000-10-04 4 . 11 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

## TS 04.12 Short Message Service Cell Broadcast (SMS-SCB) Support on the Mobile Radio Interface

WG (prime / G2 / T2) / T2  
current version: 4.6.0  
freeze\_meeting: smg-11b

rapporteur: ANDERSEN, Niels  
Peter Skov

MOTOROLA A/S

G: yes U:

remarks - this release:  
#7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0  
MCC: THOMASEN, Gert

### 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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[get it](#)

## TS 04.13 Performance Requirements on Mobile Radio Interface

WG (prime / N1 / -) / -  
current version: 4.2.0  
freeze\_meeting: smg-11b

rapporteur: DAWES, Peter  
JURISIC, Andrijana

VODAFONE LTD

G: yes U:

remarks - this release:  
#10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0  
MCC: JURISIC, Andrijana

### 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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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

WG (prime) /  
G: yes U:

N3 / - rapporteur: RfSfNEN, Juha NOKIA Corporation  
HAN, Seung Don

freeze\_meeting: smg-11b

remarks - this release: #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  
of ETS replacing  
OAP v

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## 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

WG (prime) / N3 /

- rapporteur: KLEHN, Norbert SIEMENS AG

freeze\_meeting: smg-11b

G: yes U: MCC: HAN, Seung Don

remarks - general:

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

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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

Ph2 WG (prime / N4 / -) Gesellschaft f, r Kommunikations Software

current version: 4.11.1

freeze\_meeting: smg-11b  
G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - general:  
remarks - this release:

### 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

Ph2 WG (prime / N4 / -) Gesellschaft f, r Kommunikations Software

current version: 4.4.1

freeze\_meeting: smg-11b

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

remarks - general:  
remarks - this release:

#7: 4.2.0 #10: 4.3.0 #12: 4.4.0

### 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

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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 /  
G: yes U:

N4 / -

rapporporteur: 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 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2  
current version: 4.6.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporporteur: 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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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 / N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG  
G: yes U: KYMALAINEN, Kimmo  
remarks - this #7: 4.2.0 #9: 4.3.0  
release:

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

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
remarks - this #7: 4.0.0 #18: 4.1.0  
release:

current version: 4.1.1  
freeze\_meeting: smg-11b

remarks - general:

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

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

WG (prime / N4 / - rapporteur: WIEHE, Ulrich  
G: yes U: KYMALAINEN, Kimmo  
remarks - this #7: 4.2.0 #8: 4.4.0 #11: 4.5.0  
release:

current version: 4.5.2  
freeze\_meeting: smg-11b

remarks - general:

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

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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  
current version: 4.7.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / G: yes U: )  
N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
#7: 4.6.0 #17: 4.7.0  
remarks - this release:  
Gesellschaft für Kommunikations Software

### 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

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## TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / G: yes U: )  
N4 / -  
rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
#8: 4.0.0 #12: 4.1.0  
remarks - this release:  
TeliaSonera AB

### 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

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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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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 /  
G: yes U:  
G1 / -  
rapporteur: JOKINEN, Harri  
USAI, Paolino  
MCC:  
NOKIA MOBILE PHONES  
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

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## 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 /  
G: yes U:  
G1 / -  
rapporteur: S..BIRE, Benoit  
USAI, Paolino  
MCC:  
NOKIA Corporation  
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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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**  
Ph2  
Channel coding  
current version: 4.5.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / G: yes U:	G1 / -	rappporteur: S..BIRE, Benoist USAI, Paolino MCC: #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0	NOKIA Corporation
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remarks - this release:

## 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**  
Ph2  
Modulation  
current version: 4.0.3  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime / G: yes U:	G1 / -	rappporteur: S..BIRE, Benoist USAI, Paolino MCC:	NOKIA Corporation
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remarks - this release:

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## 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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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

WG (prime /  
G:yes U:  
G1 / -  
rapporteur: SAMUELSSON, Mats  
USAI, Paolino  
Telefon AB LM Ericsson

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-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

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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

current version: 4.22.1

freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G:yes U:  
G1 / -  
rapporteur: EL-SAIGH, Amer  
USAI, Paolino  
MCC:  
VODAFONE Group Plc  
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

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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

Ph2  
current version: 4.9.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /

G: yes U:

G1 / -

rapporteur: JOKINEN, Harri  
USAI, Paolino

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0 [get it](#)  
smg-08 1993-10-01 4 . 3 . 0 [get it](#)  
smg-09 1994-01-21 4 . 4 . 0 [get it](#)  
smg-13 1995-01-27 4 . 5 . 0 [get it](#)  
smg-14 1995-04-07 4 . 6 . 0 [get it](#)  
smg-16 1995-10-20 4 . 7 . 0 [get it](#)  
smg-17 1996-02-02 4 . 8 . 0 [get it](#)  
smg-18 1996-04-12 4 . 9 . 0 [get it](#)

## TR 05.22 Radio link management in hierarchical networks

Ph2  
current version: 4.0.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /

G: yes U:

G1 / -

rapporteur: VAN BUSSEL, Han  
USAI, Paolino

remarks - this  
release: #18: 4.0.0

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TR 05.50 Background for RF Requirements

Ph2  
current version: 4.2.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / G: yes U: ) G1 / - rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino  
MCC: #8: 4.0.0 #13: 4.1.0 #17: 4.2.0  
remarks - this release:

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

remarks - general:

WG (prime / G: yes U: ) G1 / - rapporteur: USAI, Paolino USAI, Paolino  
MCC: #8: 4.0.0 #13: 4.1.0 #17: 4.2.0  
remarks - this release:

TELECOM ITALIA S.p.A.

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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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

current version: 4.0.7  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporporteur: USAI, Paolino  
MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

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

current version: 4.0.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporporteur: 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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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

current version: 4.2.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rapporporteur: AFTELAK, Steve  
MCC: USAI, Paolino

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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

# 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 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

WG (prime / G: yes U: )  
freeze\_meeting: smg-11b

S4 / - rapporteur: AFTELAK, Steve  
MCC: USAI, Paolino

MOTOROLA Ltd

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

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

WG (prime / G: yes U: )  
freeze\_meeting: smg-11b

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

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

# 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 06.10 Full Rate Speech Transcoding

Ph2  
current version: 4.3.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / G: yes U: S4 / - rapporteur: LORENZ, Dietmar  
USAI, Paolino  
MCC: PHILIPS Semiconductors  
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 2001-06-29 4 . 3 . 0  
figure 3.2

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[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## 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 / G: yes U: S4 / - rapporteur: NAVARRO, William  
USAI, Paolino  
MCC: NORTEL NETWORKS (EUROPE)  
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

# 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 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph2  
current version: 4.1.0  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
S4 / -  
rapporteur: SERENO, Daniele  
USAI, Paolino  
MCC: TELECOM ITALIA S.p.A.  
#7: 4.0.1  
remarks - this  
release:

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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[get it](#)  
[get it](#)

## TS 06.20 Half Rate Speech Transcoding

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
S4 / -  
rapporteur: AFTELAK, Steve  
USAI, Paolino  
MCC: MOTOROLA Ltd  
#13: 4.0.0 #14: 4.1.0 #17: 4.3.0  
remarks - this  
release:

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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[get it](#)  
[get it](#)

## 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 /  
G: yes U:  
S4 / -  
rapporteur: AFTELAK, Steve  
USAI, Paolino  
MCC: MOTOROLA Ltd  
#13: 4.0.0  
remarks - this  
release:

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

# 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 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:

S4 / - rapporteur: AFTELAK, Steve  
MOTOROLA Ltd

USAI, Paolino  
#13: 4.0.0 #15: 4.1.0  
remarks - this  
release:

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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[get it](#)  
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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 /  
G: yes U:

S4 / - rapporteur: USAI, Paolino  
TELECOM ITALIA S.p.A.

USAI, Paolino  
#7: 4.0.1 #23: 4.0.5  
remarks - this  
release:

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 /  
G: yes U:

S4 / - rapporteur: BARRETT, Paul  
Indicate persons who left Company and wait for new  
One

USAI, Paolino  
#7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0  
remarks - this  
release:

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

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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

WG (prime /  
G: yes U:

TELECOM ITALIA S.p.A.

rappporteur: USAI, Paolino  
MCC: USAI, Paolino

S4 / -

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

WG (prime /  
G: yes U:

rappporteur: BARRETT, Paul  
MCC: USAI, Paolino

S4 / -

remarks - this  
release: #13: 4.0.0 #15: 4.1.0

Indicate persons who left Company and wait for new  
One

remarks - general:

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

WG (prime /  
G: yes U:

rappporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

S4 / -

remarks - this  
release: #22: 4.0.0 #32: 4.1.0 TSG#10:4.2.0

NOKIA Corporation

remarks - general:

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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# 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 06.53 ANSIC code for the GSM Enhanced Full Rate (EFR) speech codec

WG (prime /  
G: yes U:  
freeze\_meeting: smg-11b

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

remarks - this  
release:

NOKIA Corporation

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)

WG (prime /  
G: yes U:  
freeze\_meeting: smg-11b

S4 / - rapporteur: Jf RVINEN, Kari  
MCC: USAI, Paolino

remarks - this  
release:

NOKIA Corporation

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

WG (prime /  
G: yes U:  
freeze\_meeting: smg-11b

S4 / - rapporteur: SALEM, Tarek  
MCC: USAI, Paolino

remarks - this  
release:

T-MOBILE DEUTSCHLAND

#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

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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 06.60 Enhanced full rate speech transcoding

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: #23: 4.0.1 #25: 4.1.0  
remarks - this  
release:

NOKIA Corporation

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 /  
G: yes U:  
S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: #22: 4.0.0  
remarks - this  
release:

NOKIA Corporation

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 /  
G: yes U:  
S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: #23: 4.0.1  
remarks - this  
release:

NOKIA Corporation

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 4 . 0 . 1

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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 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

WG (prime /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: NOKIA Corporation

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  
smg-30 1999-11-11 4 . 1 . 0  
ETSI Publication 2000-08-09 4 . 1 . 1

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## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

WG (prime /  
G: yes U:

S4 / - rapporteur: Jf RVINEN, Kari  
USAI, Paolino  
MCC: 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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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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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 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 WG (prime / G: yes U:  
freeze\_meeting: smg-11b

N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don

remarks - general:  
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-10 1994-04-15 4 . 7 . 0 [get it](#)  
smg-13 1995-01-27 4 . 8 . 0 [get it](#)  
smg-15 1995-07-07 4 . 9 . 0 [get it](#)  
smg-16 1995-10-20 4 . 10 . 0 [get it](#)

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 WG (prime / G: yes U:  
freeze\_meeting: smg-11b

N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
MCC: HAN, Seung Don

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 [get it](#)  
smg-09 1994-01-21 4 . 4 . 2 [get it](#)  
smg-11 1994-07-01 4 . 5 . 0 [get it](#)  
Editorial 1994-08-01 4 . 5 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 / - / -  
WG (prime) / N3 / -  
G: yes U: HUSLENDE, Ragnar Telefon AB LM Ericsson  
freeze\_meeting: smg-11b HAN, Seung Don  
remarks - general: #7: 4.4.0 #9: 4.5.0  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 4 . 0 [get it](#)  
smg-09 1994-01-21 4 . 5 . 0 [get it](#)  
Editorial 1994-02-21 4 . 5 . 1 [get it](#)

## 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)

Ph2 / - / -  
WG (prime) / T2 / -  
G: yes U: HARRIS, Ian Research In Motion Limited  
freeze\_meeting: smg-11b RODERMUND, Friedhelm  
remarks - general: remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 1 [get it](#)  
smg-08 1993-10-01 4 . 3 . 0 [get it](#)  
smg-12 1994-10-07 4 . 4 . 0 [get it](#)  
smg-16 1995-10-20 4 . 5 . 0 [get it](#)  
smg-17 1996-02-02 4 . 6 . 0 [get it](#)  
smg-18 1996-04-12 4 . 7 . 0 [get it](#)  
smg-20 1996-10-11 4 . 8 . 0 [get it](#)  
Editorial 1996-11-11 4 . 8 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

remarks - general:

WG (prime / G:yes U: T2 / - rapporteur: VOTE, Nicola RODERMUND, Friedhelm  
MCC: NTT DoCoMo Inc.  
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

remarks - general:

WG (prime / G:yes U: G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
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

# 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)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

WG (prime) / G2 / - rapporteur: ANDERSEN, Niels  
current version: 4.2.0 freeze\_meeting: smg-11b THOMASSEN, Gert  
MOTOROLA A/S

G: yes U:

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0 [get it](#)  
smg-10 1994-04-15 4 . 1 . 0 [get it](#)  
smg-13 1995-01-27 4 . 2 . 0 [get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

WG (prime) / G2 / - rapporteur: ANDERSEN, Niels  
current version: 4.0.3 freeze\_meeting: smg-11b THOMASSEN, Gert  
MOTOROLA A/S

G: yes U:

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0 [get it](#)  
ETSI Publication 1994-09-13 4 . 0 . 3 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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

MOTOROLA A/S

WG (prime) / G2 / -

WG (prime) / G2 / -

WG (prime) / G2 / -

current version: 4.5.0  
freeze\_meeting: smg-11b

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this  
release:

remarks - general:

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

MOTOROLA A/S

WG (prime) / G2 / -

WG (prime) / G2 / -

WG (prime) / G2 / -

current version: 4.12.1  
freeze\_meeting: smg-11b

rapporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

G: yes U:

MCC:

remarks - this  
release:

remarks - general:

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

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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 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

WG (prime / N3 / - rapporteur: RfSfNEN, Juha  
G: yes U: HAN, Seung Don  
MCC: NOKIA Corporation

freeze\_meeting: smg-11b

remarks - general:

remarks - this  
release:

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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[get it](#)

## TS 08.51 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
G: yes U: Peter Skov  
MCC: THOMASEN, Gert  
MOTOROLA A/S

freeze\_meeting: smg-11b

remarks - general:

remarks - this  
release:

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 Transceiver Station (BSC-BTS) Interface Principles

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
G: yes U: Peter Skov  
MCC: THOMASEN, Gert  
MOTOROLA A/S

freeze\_meeting: smg-11b

remarks - general:

remarks - this  
release:

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

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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 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

current version: 4.1.0  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
remarks - this release:

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

current version: 4.0.2  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / G2 / - rapporteur: ANDERSEN, Niels  
Peter Skov THOMASEN, Gert  
MCC: THOMASEN, Gert  
G: yes U: THOMASEN, Gert  
remarks - this release:

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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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 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

WG (prime / G2 / -  
current version: 4.9.0  
freeze\_meeting: smg-11b

rappporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

remarks - general: G: yes U: #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  
remarks - this release:

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>

## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

WG (prime / G1 / -  
current version: 4.4.1  
freeze\_meeting: smg-11b

MOTOROLA A/S

rappporteur: ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

remarks - general: G: yes U: 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

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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 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

WG (prime / G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
USAI, Paolino

freeze\_meeting: smg-11b

G: yes U:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

release: 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)

### TR 09.01 General Network Interworking Scenarios

current version: 4.0.1

freeze\_meeting: smg-11b

remarks - general:

WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: KYMALAINEN, Kimmo

MCC:

release: 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 /  
G:yes U:  
N4 / -  
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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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**  
Ph2 *current version: Mobile Network (PLMN)* / N3 / HAN, Seung Don KT Freetel Co., Ltd.  
*WG (prime)* / N3 / -*rapporteur:*

*freeze\_meeting:* smg-11b  
*remarks - general:* N3: "no R99 needed".

G: yes U:  
*remarks - this* HAN, Seung Don  
*release:* #8: 4.0.0 #9: 4.0.1

*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

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**TS 09.04** **Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)**

Ph2 *current version: 4.0.2* / N3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *MCC:* HAN, Seung Don

*remarks - general:* N3: "no R99 needed".

*remarks - this* #7: 4.0.0 #8: 4.0.1 #9: 4.0.2  
*release:*

*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

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**TS 09.05** **Interworking between the PLMN and the PSPDN for PAD Access**

Ph2 *current version: 4.4.2* / N3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *MCC:* HAN, Seung Don

*remarks - general:* N3: "no R99 needed".

*remarks - this* #7: 4.3.0 #8: 4.4.0 #9: 4.4.1  
*release:*

*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

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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  
Ph2 *current version:* Packet Switched Data Transmission Services 4.5.0 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  
#7: 4.3.0 #9: 4.4.0 #12: 4.5.0  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 3 . 0 [get it](#)  
smg-09 1994-01-21 4 . 4 . 0 [get it](#)  
smg-12 1994-10-07 4 . 5 . 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  
Ph2 *current version:* Network (PSTN) 4.13.1 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 [get it](#)  
smg-08 1993-10-01 4 . 5 . 0 [get it](#)  
smg-09 1994-01-21 4 . 6 . 0 [get it](#)  
smg-10 1994-04-15 4 . 7 . 0 [get it](#)  
smg-13 1995-01-27 4 . 8 . 0 [get it](#)  
smg-14 1995-04-07 4 . 9 . 0 [get it](#)  
smg-16 1995-10-20 4 . 10 . 0 [get it](#)  
smg-18 1996-04-12 4 . 11 . 0 [get it](#)  
smg-20 1996-10-11 4 . 12 . 0 [get it](#)  
smg-27 1998-10-16 4 . 13 . 0 [get it](#)  
ETSI Publication 1999-03-23 4 . 13 . 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 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface Ph2 WG (prime / N1 / -

rappporteur: FARHOUUMAND, Ericsson Incorporated

Rouzbeh JURISIC, Andrijana

MCC: #9: 4.0.0 #13: 4.1.0

G: yes U:  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-09 1994-01-21 4 . 0 . 0 [get it](#)  
smg-13 1995-01-27 4 . 1 . 0 [get it](#)  
Editorial 1995-02-27 4 . 1 . 1 [get it](#)

## TS 09.10 Information Element Mapping between Mobile Station (MS - BSS) and Base Station System (BSS - MCS) Ph2 current version: 4.4.1 WG (prime / N4 / -

rappporteur: KYMALAINEN, Kimmo

N4

freeze\_meeting: smg-11b

G: yes U:

MCC: KYMALAINEN, Kimmo

remarks - general:

remarks - this release:  
#8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0

### history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0 [get it](#)  
smg-09 1994-01-21 4 . 1 . 0 [get it](#)  
smg-10 1994-04-15 4 . 2 . 0 [get it](#)  
smg-17 1996-02-02 4 . 3 . 0 [get it](#)  
smg-23 1997-10-17 4 . 4 . 0 [get it](#)  
Editorial 1997-11-17 4 . 4 . 1 [get it](#)

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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 / N4 / - / rapporteur: WIEHE, Ulrich / Gesellschaft für Kommunikations Software  
G: yes U: KYMALAINEN, Kimmo / MCC: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0  
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-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 / T1SP / N4 / rapporteur: HfNDIG, Peter / Tella Mobile AB  
G: yes U: MCC: smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-17	1997-02-06	4	.	0	.	0
ETSI vote	1997-05-16	4	.	1	.	0
ETSI publication	1997-06-13	4	.	2	.	1
smg-22	1999-05-26	4	.	2	.	2
ETSI publication						

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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) /  
G: yes U:

N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

MCC: JURISIC, Andrijana

remarks - general: freeze\_meeting: smg-11b  
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) /  
G: yes U:

T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.

MCC: RODERMUND, Friedhelm

remarks - this release: #10: 4.0.0

history (event, available, version, comments, hyperlink):

smg-10 1994-04-15 4 . 0 . 0  
Editorial correction 1994-05-15 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)

## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2  
current version: 4.6.1  
freeze\_meeting: smg-11b

WG (prime / N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
JURISIC, Andrijana

G: yes U:

remarks - general:

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="#">get it</a>

minor editorials to change style from TS to TR.

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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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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) /

current version: 4.29.0

freeze\_meeting: smg-11b

G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /

T2 /

SCP

G: yes U:

MCC: CLAYTON, Michael

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

# 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 11.10-2** **Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
Ph2  
WG (prime / G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP / T2 / SCP

remarks - general: 2001-11-19: G4->G5.  
G: yes U: CLAYTON, Michael  
MCC: GP-06: Rel-4 serves all releases.  
remarks - this release:

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	4	. 13	. 0
smg-17	1996-02-02	4	. 14	. 0
smg-18	1996-04-12	4	. 15	. 0
GP-06	2001-09-06	4	. 16	. 0

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[get it](#)  
[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

# 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) / T3 / -

G: yes U:

rapporteur: GUTHERY, Scott B.  
MCC: RODERMUND, Friedhelm

Mobile-Mind Inc.

remarks - general: freeze\_meeting: smg-11b  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	. 8	. 0	<a href="#">get it</a>
smg-08	1993-10-01	4	. 9	. 0	<a href="#">get it</a>
smg-09	1994-01-21	4	. 10	. 0	<a href="#">get it</a>
smg-10	1994-04-15	4	. 11	. 0	<a href="#">get it</a>
smg-11	1994-07-01	4	. 12	. 0	<a href="#">get it</a>
smg-12	1994-10-07	4	. 13	. 0	<a href="#">get it</a>
ETSI Publication	2003-09-01	4	. 13	. 1	<a href="#">get it</a>
smg-13	1995-01-27	4	. 14	. 0	<a href="#">get it</a>
smg-15	1995-04-07	4	. 15	. 0	<a href="#">get it</a>
smg-16	1995-10-20	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-25	1998-03-20	4	. 20	. 0	<a href="#">get it</a>
smg-29	1999-06-25	4	. 21	. 0	<a href="#">get it</a>
ETSI Publication	1999-12-17	4	. 21	. 1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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) / T3 / -

G: yes U:

LINDHOLM, Rune NOKIA Corporation

RODERMUND, Friedhelm

rappporteur:

MCC:

remarks - general: freeze\_meeting: smg-11b  
remarks - this release:

history (event, available, version, comments, hyperlink):

smg-15	1995-07-07	4	.	0	.	0	.	0
smg-17	1996-02-02	4	.	1	.	0	.	0
ETSI vote	1996-08-05	4	.	1	.	1	.	1
ETSI publication	1996-12-19	4	.	1	.	2	.	2
smg-21	1997-02-14	4	.	2	.	0	.	0
ETSI publication	1997-08-26	4	.	2	.	1	.	1
smg-23	1997-10-17	4	.	3	.	0	.	0
ETSI publication	1998-04-07	4	.	3	.	1	.	1

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 11.21 Base Station System (BSS) equipment specification; Radio aspects

WG (prime /  
G: yes U:

G1 / - rapporteur: VACANT,  
USAI, Paolino  
MCC:

remarks - general:  
freeze\_meeting: smg-11b  
remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-11 1994-07-01 4 . 0 . 0 [get it](#)  
smg-12 1994-10-07 4 . 1 . 0 [get it](#)  
smg-13 1995-01-27 4 . 2 . 0 [get it](#)  
smg-15 1995-07-07 4 . 3 . 0 [get it](#)  
smg-16 1995-10-20 4 . 4 . 0 [get it](#)  
smg-17 1996-02-02 4 . 5 . 0 [get it](#)  
smg-18 1996-04-12 4 . 6 . 0 [get it](#)  
smg-20 1996-10-11 4 . 7 . 0 [get it](#)  
smg-22 1997-06-13 4 . 8 . 0 [get it](#)  
smg-23 1997-10-17 4 . 9 . 0 [get it](#)  
smg-25 1998-03-20 4 . 10 . 0 [get it](#)  
smg-26 1998-06-26 4 . 11 . 0 [get it](#)  
smg-27 1998-10-16 4 . 12 . 0 [get it](#)  
smg-28 1999-02-12 4 . 13 . 0 [get it](#)  
smg-29 1999-06-25 4 . 14 . 0 [get it](#)  
ETSI Publication 1999-12-17 4 . 14 . 1 [get it](#)

## TR 11.22 GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes

WG (prime /  
G: yes U:

G1 / - rapporteur: VACANT,  
USAI, Paolino  
MCC:

remarks - general:  
freeze\_meeting: smg-11b  
remarks - this release:

### history (event, available, version, comments, hyperlink):

<to be defined> 4 . 0 . 0 [get it](#)  
smg-21 1997-02-14 4 . 1 . 3 [get it](#)  
smg-31b 2000-04-17 4 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

G1 / - rapporteur: VACANT,  
MCC: USAI, Paolino  
remarks - this Not progressed to Ph2+ because no regulatory requirement.  
release:

### history (event, available, version, comments, hyperlink):

smg-11 1994-07-01 4 . 0 . 0 [get it](#)  
smg-15 1995-07-07 4 . 1 . 0 [get it](#)  
smg-16 1995-10-20 4 . 2 . 0 [get it](#)  
smg-17 1996-02-02 4 . 3 . 0 [get it](#)  
smg-18 1996-04-12 4 . 4 . 0 [get it](#)  
smg-19 1996-06-28 4 . 5 . 0 [get it](#)  
smg-21 1997-02-14 4 . 6 . 0 [get it](#)  
smg-22 1997-06-13 4 . 7 . 0 [get it](#)  
smg-23 1997-10-17 4 . 8 . 0 [get it](#)  
smg-25 1998-03-20 4 . 9 . 0 [get it](#)  
Editorial 1998-10-20 4 . 9 . 1 [get it](#)

## TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

WG (prime /  
G: yes U:

G1 / - rapporteur: VACANT,  
MCC: USAI, Paolino  
remarks - this #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0  
release:

### history (event, available, version, comments, hyperlink):

smg-14 1995-04-07 4 . 0 . 0 [get it](#)  
smg-20 1996-10-11 4 . 1 . 0 [get it](#)  
smg-25 1998-03-20 4 . 2 . 0 [get it](#)  
smg-27 1998-10-16 4 . 3 . 0 [get it](#)  
Editorial correction 1998-10-16 4 . 3 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 WG (prime /

ANDERSEN, Niels

MOTOROLA A/S

current version: 4.2.2

freeze\_meeting: smg-11b

G1 / -

rappporteur:

Peter Skov  
USAI, Paolino

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-15	1995-07-07	4	0	0	<a href="#">get it</a>
smg-17	1996-02-02	4	1	0	<a href="#">get it</a>
smg-18	1996-04-12	4	2	0	<a href="#">get it</a>
smg-20	1996-10-11	4	2	2	<a href="#">get it</a>

## 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

Ph2 WG (prime /

MOTOROLA Ltd

current version: 4.6.0

freeze\_meeting: smg-11b

S5 / -

rappporteur:

TRUSS, Michael  
ZOICAS, Adrian

G: yes U:

MCC:

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	0	0	<a href="#">get it</a>
smg-08	1993-10-01	4	1	0	<a href="#">get it</a>
smg-11	1994-07-01	4	2	0	<a href="#">get it</a>
smg-15	1995-07-07	4	3	0	<a href="#">get it</a>
smg-16	1995-10-20	4	4	0	<a href="#">get it</a>
smg-17	1996-02-02	4	5	0	<a href="#">get it</a>
smg-23	1997-10-17	4	6	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS



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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) / S5 / NP

MOTOROLA Ltd

rappporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

G: yes U:

remarks - this release:

remarks - general:

freeze\_meeting: smg-11b

current version: 4.4.1

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) / S5 / S1

MOTOROLA Ltd

rappporteur: TRUSS, Michael

MCC: ZOICAS, Adrian

G: yes U:

remarks - this release:

remarks - general:

freeze\_meeting: smg-11b

current version: 4.6.1

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

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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** Security Management  
Ph2  
current version: 4.2.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
G: yes U: NP  
MCC: ZOICAS, Adrian  
remarks - this release:

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** Performance data measurements  
Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

remarks - general:

WG (prime / S5 / S1 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
G: yes U: NP  
MCC: ZOICAS, Adrian  
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-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

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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 /  
G: yes U:  
S5 / S1 rapporteur: ALEXANDER, Benni  
MCC: ZOICAS, Adrian  
NOKIA Corporation  
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

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## TS 12.06 Network Configuration Management and Administration

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:  
S5 / NP rapporteur: TOVINGER, Thomas  
MCC: ZOICAS, Adrian  
Telefon AB LM Ericsson  
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

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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 /  
G: yes U: )  
S5 / NP / rapporteur: RONKA, Kari / NOKIA Corporation  
MCC: ZOICAS, Adrian  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-12 1994-10-07 4 . 0 . 0 [get it](#)  
smg-14 1995-04-07 4 . 1 . 0 [get it](#)  
smg-16 1995-10-20 4 . 2 . 0 [get it](#)  
smg-18 1996-04-12 4 . 3 . 0 [get it](#)  
smg-20 1996-10-11 4 . 4 . 0 [get it](#)  
smg-22 1997-06-13 4 . 5 . 0 [get it](#)  
smg-23 1997-10-17 4 . 6 . 0 [get it](#)  
ETSI publication 2001-10-30 4 . 6 . 1 [get it](#)

## 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 /  
G: yes U: )  
S5 / S1 / GP / rapporteur: TOVINGER, Thomas / Telefon AB LM Ericsson  
MCC: ZOICAS, Adrian  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 4 . 2 . 0 [get it](#)  
Editorial correction 1998-06-26 4 . 2 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / G1 / S5 rapporteur: YUHAN, Albert T-Mobile USA Inc.  
G: yes U: USAI, Paolino

freeze\_meeting: smg-11b

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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## TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

WG (prime / S5 / - rapporteur: TRUSS, Michael MOTOROLA Ltd  
G: yes U: ZOICAS, Adrian

freeze\_meeting: smg-11b

remarks - general:

remarks - this release:

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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**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

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ACTIVE specs Ph2 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_serie](http://www.3gpp.org/ftp/Specs/archive/TB_serie)

## TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2  
current version: none  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:

MSG / - rapporteur:

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this #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  
release: #29: 4.5.0 (was originally 13.01)

history (event, available, version, comments, [hyperlink](#)):

## TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2  
current version: none  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:

MSG / - rapporteur:

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2  
release:

history (event, available, version, comments, [hyperlink](#)):

## TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2  
current version: none  
freeze\_meeting: smg-11b  
remarks - general:

WG (prime /  
G: yes U:

MSG / - rapporteur:

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this #17: 4.0.0 May99: 4.1.0 (was originally 13.02)  
release:

history (event, available, version, comments, [hyperlink](#)):

G = required in systems with GERAN access; U = required in systems with UMTS

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ACTIVE specs Ph2 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_serie](http://www.3gpp.org/ftp/Specs/archive/TB_serie)

## TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 WG (prime / G: yes U: )

MSG / - rapporteur: GUTIERREZ MIGUELEZ, Cesar  
MCC: #17: 4.0.0  
remarks - this release:

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 / S3 / NP / rapporteur: NGUYEN NGOC, France Telecom  
GP Sebastian  
G: yes U: POPE, Maurice  
MCC: #7: 3.0.0  
remarks - this release:

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)

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G = required in systems with GERAN access; U = required in systems with UMTS



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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)

---

## 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 /  
G: yes U:

N1 / G2

rappporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana

MOTOROLA Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 extension to 04.08 v3.13.0 [get it](#)

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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)

---

## 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 /  
G: yes U:

G2 / -

rappporteur: ANDERSEN, Niels  
Peter Sikov  
MCC: THOMASEN, Gert

MOTOROLA A/S

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-07 1995-01-01 3 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)

Ph1-EXT current version: 3.0.0

freeze\_meeting:

WG (prime /

G2 / -

rapporteur: ANDERSEN, Niels

Peter Skov

THOMASEN, Gert

MCC: #7: 3.0.0

remarks - this release:

G: yes U:

MOTOROLA A/S

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)

## TS 02.06dcs Types of Mobile Stations (MS) - DCS 1800

Ph1- current version: 3.0.0

freeze\_meeting:

WG (prime /

S1 / -

rapporteur: WATSON, John

CLAYTON, Michael

MCC:

remarks - this release:

VODAFONE Group Plc

G: yes U:

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

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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 02.11dcs Service accessibility (DCS 1800)

Ph1- current version: 3.1.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rapporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

ORANGE SA

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- current version: 3.0.1

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB

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

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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 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1- current version: 3.1.0

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

N1 / G2

rapporporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

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- current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

G1 / -

rapporporteur: JOKINEN, Harri

MCC: USAI, Paolino

NOKIA MOBILE PHONES

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 based on 05.01 v3.3.2

[get it](#)

### TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1- current version: 3.3.0

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

G1 / -

rapporporteur: SAMUELSSON, Mats

MCC: USAI, Paolino

Telefon AB LM Ericsson

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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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)

## TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1- current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

WG (prime /  
G: yes U:

G1 / -

rappporteur:  
MCC:

EL-SAIGH, Amer  
USAI, Paolino

VODAFONE Group Plc

remarks - this  
release:

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- current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

WG (prime /  
G: yes U:

G2 / -

rappporteur:  
MCC:

ANDERSEN, Niels  
Peter Sikov  
THOMASEN, Gert

MOTOROLA A/S

remarks - this  
release:

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

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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 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1- current version: 3.0.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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)

Ph1-  
TeliaSonera AB

current version: Signalling Procedures and the Mobile Application Part (MAP) (DCS 1800)3.0.0

WG (prime / N4

/ -

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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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 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1- current version: 3.23.1

freeze\_meeting:

WG (prime / G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM  
G3ne  
w/  
NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

remarks - general: remarks - this release:

### 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	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	based on 11.10 v3.19.0
smg-13	3	.	13	.	0	
ETSI publication	3	.	23	.	1	

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1- WG (prime / T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this release:  
remarks - general:

### 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- WG (prime / GP / NP rapporteur: VACANT,  
G: yes U: USAI, Paolino  
MCC:  
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



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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 11.40dcs DCS 1800 System Simulator conformity specification

Ph1- current version: 3.3.0

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

G3new) - rapporteur:

MCC: CLAYTON, Michael

#4: 3.2.0 #11: 3.3.0

remarks - this  
release:

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 /  
G: yes U:

SP / -

rapporteur: MEREDITH, John M ETSI Secretariat

MCC: POPE, Maurice

remarks - this  
release:

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

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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

Ph1 current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

GP / -

rappporteur: CLAYTON, Michael  
MCC: 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

Ph1 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 /  
G: yes U:

S1 / -

rappporteur: KOKKOLA, Tommi  
MCC: 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  
WG (prime /  
G: yes U:

Research In Motion Limited

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

S1 / -

remarks - this  
release:

remarks - general:

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  
WG (prime /  
G: yes U:

NOKIA Corporation

rapporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

S1 / -

remarks - this  
release:

remarks - general:

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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[get it](#)

## TS 02.04 General on Supplementary Services

Ph1  
WG (prime /  
G: yes U:

Research In Motion Limited

rapporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

S1 / -

remarks - this  
release:

remarks - general:

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 /  
G: yes U: S1 / - rapporteur: WATSON, John  
CLAYTON, Michael  
MCC: VODAFONE Group Plc  
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 /  
G: yes U: S1 / - rapporteur: WATSON, John  
CLAYTON, Michael  
MCC: VODAFONE Group Plc  
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 /  
G: yes U: S3 / S1 /  
NP MCC: CHRISTOFFERSSON,  
TeliaSonera AB  
Per  
POPE, Maurice  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 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 02.11

### Service accessibility

current version: 3.7.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

S1

/ -

rappporteur: IBIDUN, Kunle  
MCC: CLAYTON, Michael

ORANGE SA

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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[get it](#)  
[get it](#)

## TS 02.16

### International Mobile Station Equipment Identities (IMEI)

current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

S1

/ -

rappporteur: KOKKOLA, Tommi  
MCC: CLAYTON, Michael

NOKIA Corporation

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 /  
G: yes U:

T3

/ S1

rappporteur: HOOKER, Philip  
MCC: RODERMUND, Friedhelm

ORANGE PCS LTD

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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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)

<b>TS 02.20</b> Ph1	<b>Collection charges</b> current version: 3.0.1 freeze_meeting: gsm-25b remarks - general:	WG (prime / G: yes U:	S1 / remarks - this release:	rapporteur: MCC:	CLAYTON, Michael CLAYTON, Michael EMCOM Ltd
<i>history (event, available, version, comments, hyperlink):</i> 06/05/1992: 1997-10-09 3 . 0 . 1 <a href="#">get it</a>					
<b>TS 02.30</b> Ph1	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b> current version: 3.9.0 freeze_meeting: gsm-25b remarks - general:	WG (prime / G: yes U:	S1 / remarks - this release:	rapporteur: MCC:	JEAL, David CLAYTON, Michael VODAFONE Group Plc
<i>history (event, available, version, comments, hyperlink):</i> ETSI publication 1995-01-01 3 . 9 . 0 <a href="#">get it</a>					
<b>TS 02.40</b> Ph1	<b>Procedures for Call Progress Indications</b> current version: 3.2.0 freeze_meeting: gsm-25b remarks - general:	WG (prime / G: yes U:	S1 / NP remarks - this release:	rapporteur: MCC:	DEOL, Amar CLAYTON, Michael Nortel Networks (USA)
<i>history (event, available, version, comments, hyperlink):</i> ETSI publication 1995-01-01 3 . 2 . 0 <a href="#">get it</a>					

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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 /  
G: yes U:

S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
MCC: CLAYTON, Michael

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 6 . 1

[get it](#)

## TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph1  
current version: 3.6.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

S1 / - rapporteur: ACHTER, Johannes T-Mobile International AG  
MCC: CLAYTON, Michael

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 6 . 1

[get it](#)

## 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

Ph1  
Network Functions  
current version: 3.1.1  
freeze\_meeting: gsm-25b  
remarks - general: SMG3->SA2 @ TSG#7

WG (prime /  
G: yes U:

S2 / NP rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
MCC: BOSWARTHICK, David

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 4

[get it](#)

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**TS 03.03** Numbering, Addressing and Identification

Ph1 current version: 3.6.0  
freeze\_meeting: gsm-25b

remarks - general:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 6 . 0

[get it](#)

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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:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 1 . 0

[get it](#)

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WG (prime / S2 / NP / rapporteur: MILINSKI, Alexander SIEMENS AG  
T2  
G: yes U: BOSWARTHICK, David  
MCC: BOSWARTHICK, David

remarks - this  
release:

---

N4 / T2 rapporteur: RUSSELL, Nick VODAFONE LTD  
MCC: KYMALAINEN, Kimmo

remarks - this  
release:

---

N4 / SPA rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
N / T2

G: yes U: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
remarks - this  
release:

G = required in systems with GERAN access; U = required in systems with UMTS



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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 /  
G: yes U:

NP / -

rappporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: BOSWARTHICK, David

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 0

[get it](#)

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## TS 03.07 Restoration Procedures

Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rappporteur: 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

[get it](#)

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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 /  
G: yes U:

N4 / -

rappporteur: BAUER, Rolf ALCATEL SEL AG  
MCC: KYMALAINEN, Kimmo

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 7 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 03.09** **Handover Procedures**  
Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b

remarks - general:

remarks - this release:

WG (prime / N1 / - rapporteur: FARHOUUMAND, Ericsson Incorporated  
Rouzbeh JURISIC, Andrijana  
G: yes U: MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

[get it](#)

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## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph1  
current version: 3.3.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / N3 / - rapporteur: HAN, Seung Don KT Freetel Co., Ltd.  
HAN, Seung Don  
G: yes U: 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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[get it](#)  
[get it](#)  
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## TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph1  
current version: 3.1.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG  
KYMALAINEN, Kimmo  
G: yes U: MCC:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TS 03.12 Location Registration Procedures

Ph1  
current version: 3.3.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
MCC: KYMALAINEN, Kimmo

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 0

[get it](#)

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph1  
current version: 3.0.2  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

G1 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
MCC: USAI, Paolino

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 2

[get it](#)

## 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 /  
G: yes U:

N1 / - rapporteur: ZAUS, Robert SIEMENS AG  
MCC: JURISIC, Andrijana

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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

# 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)

## TS 03.20 Security-related network functions

Ph1  
current version: 3.3.2  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime / S3 / NP / rapporteur: NGUYEN NGOC, France Telecom  
GP  
G: yes U: POPE, Maurice  
MCC:  
remarks - this release:

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

remarks - general: 2003-12-03: Note that this spec also contains stage 3.

WG (prime / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
G: yes U: RODERMUND, Friedhelm  
MCC:  
remarks - this release:

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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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-CB)

WG (prime) /  
G: yes U:

T2 / - rapporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

gsm4	2003-05-06	1	1	1	Sep 1988	<a href="#">get it</a>
gsm4	2003-05-06	1	2	1	Nov 1988	<a href="#">get it</a>
gsm4	2003-05-06	2	0	0	Jan 1988 - rejected GSM-17b	<a href="#">get it</a>
gsm4	2003-05-06	3	2	0	Jan 1990	<a href="#">get it</a>
gsm4	2003-05-06	3	2	1	Oct 1990	<a href="#">get it</a>
gsm4	2003-05-06	3	3	0	Jan 1991	<a href="#">get it</a>
ETSI vote	1995-01-01	3	4	0	available in PDF	<a href="#">get it</a>

## TR 03.43

Support of Videotex

current version: 3.0.1

freeze\_meeting: gsm-25b

WG (prime) /

T2 / - rapporteur: RODERMUND, Friedhelm

G: yes U:

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

gsm4	2003-05-06	1	0	1	Jun 1988	<a href="#">get it</a>
ETSI publication	1995-01-01	3	0	1		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph1  
WG (prime) / T2 / -  
current version: 3.0.1  
freeze\_meeting: gsm-25b

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

MCC: RODERMUND, Friedhelm

remarks - general:

remarks - this release:

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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[get it](#)  
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[get it](#)

## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph1  
WG (prime) / N3 / -  
current version: 3.3.0  
freeze\_meeting: gsm-25b

rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don

remarks - general:

remarks - this release:

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

[get it](#)  
[get it](#)  
[get it](#)

## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph1  
WG (prime) / N3 / -  
current version: 3.2.1  
freeze\_meeting: gsm-25b

rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don

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

# 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)

## 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 /  
G: yes U:

T3 / -

rappporteur: BARNES, Nigel  
MCC: RODERMUND, Friedhelm  
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 /  
G: yes U:

S4 / -

rappporteur: 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 /  
G: yes U:

N3 / -

rappporteur: 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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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
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 03.88 Call Barring (CB) supplementary services; Stage 2

Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

N4 / -

rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

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Ph1

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



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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 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

WG (prime) / N1 / -  
current version: 3.0.1  
freeze\_meeting: gsm-25b

rappporteur: ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

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) / N1 / -  
current version: 3.0.2  
freeze\_meeting: gsm-25b

rappporteur: ANDERSEN, Niels  
Peter Skov  
JURISIC, Andrijana

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

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) / G2 / -  
current version: 3.0.3  
freeze\_meeting: gsm-25b

rappporteur: ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

G: yes U:

MCC:

remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 0 . 3

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 04.04 Layer 1 - General Requirements

Ph1  
current version: 3.3.4  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / G: yes U: )  
G2 / - rapporteur: ISAACS, Ken THOMASEN, Gert  
MCC: SIEMENS AG  
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 / G: yes U: )  
G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
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 / G: yes U: )  
G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MCC: MOTOROLA A/S  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 9 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## 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 /  
G: yes U:

N1 / - rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

remarks - this  
release:

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:

04.08 will remain as an index. Body txtd to 24.008. Secondary MCC:

Gert Thomasen (even numbered CRs)

WG (prime /  
G: yes U:

N1 / G2 rapporteur: HOWELL, Andrew

MCC: JURISIC, Andrijana

MOTOROLA Ltd

remarks - this  
release:

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 /  
G: yes U:

N4 / - rapporteur: ANDERSEN, Niels

Peter Skov

MOTOROLA A/S

MCC: KYMALAINEN, Kimmo

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 3

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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) / N1 / -  
G: yes U:

reporteur: NOBUYUKI, Uda

MCC: JURISIC, Andrijana

#5:3.3.0

NTT COMMWARE Corporation

remarks - general:  
freeze\_meeting: gsm-25b  
remarks - this release:

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) / G2 / T2  
G: yes U:

reporteur: ANDERSEN, Niels

Peter Skov

MCC: THOMASEN, Gert

MOTOROLA A/S

remarks - general:  
freeze\_meeting: gsm-25b  
remarks - this release:

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) / N3 / -  
G: yes U:

reporteur: RfSfNEN, Juha

HAN, Seung Don

MCC: NOKIA Corporation

remarks - general:  
freeze\_meeting: gsm-25b  
remarks - this release:

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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 3.7.0 WG (prime / N3 / -rapporteur: KLEHN, Norbert SIEMENS AG

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 Gesellschaft f, r Kommunikations Software

freeze\_meeting: gsm-25b

remarks - general:

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 0

[get it](#)

**TS 04.82** Call Forwarding (CF) Supplementary Services; Stage 3  
Ph1 current version: 3.1.3 N4 / -rapporteur: WIEHE, Ulrich Gesellschaft f, r Kommunikations Software

freeze\_meeting: gsm-25b

remarks - general:

MCC: KYMALAINEN, Kimmo

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 3

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1  
current version: 3.1.3  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

N4 / -  
rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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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 /  
G: yes U:

G1 / -  
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 /  
G: yes U:

G1 / -  
rapporteur: S. BIRE, 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

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

<b>TS 05.03</b> Ph1	<b>Channel coding</b> current version: 3.6.1 freeze_meeting: gsm-25b remarks - general:	WG (prime / G: yes U:	G1 / - rapporteur: S. BIRE, Benoit USAI, Paolino MCC: #12: 3.6.1 remarks - this release:	NOKIA Corporation
<i>history (event, available, version, comments, hyperlink):</i> ETSI publication 1995-01-01 3 . 6 . 1				
<b>TS 05.04</b> Ph1	<b>Modulation</b> current version: 3.1.2 freeze_meeting: gsm-25b remarks - general:	WG (prime / G: yes U:	G1 / - rapporteur: S. BIRE, Benoit USAI, Paolino MCC: remarks - this release:	NOKIA Corporation
<i>history (event, available, version, comments, hyperlink):</i> ETSI publication 1995-01-01 3 . 1 . 2				
<b>TS 05.05</b> Ph1	<b>Radio Transmission and Reception</b> current version: 3.16.0 freeze_meeting: gsm-25b remarks - general:	WG (prime / G: yes U:	G1 / - rapporteur: SAMUELSSON, Mats USAI, Paolino MCC: remarks - this release:	Telefon AB LM Ericsson
<i>history (event, available, version, comments, hyperlink):</i> smg-04 3 . 14 . 0 smg-06b 3 . 15 . 0 ETSI publication 1995-01-01 3 . 16 . 0				

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 05.08 Radio subsystem link control

Ph1  
current version: 3.8.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: EL-SAIGH, Amer  
MCC: USAI, Paolino  
VODAFONE Group Plc

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

Ph1  
current version: 3.5.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

G1 / -

rappporteur: JOKINEN, Harri  
MCC: USAI, Paolino  
NOKIA MOBILE PHONES

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)

## TS 06.01 Full Rate Speech Processing Functions

Ph1  
current version: 3.0.0  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /  
G: yes U:

S4 / -

rappporteur: 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 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS



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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 /  
G: yes U:

S4 / - rapporteur: LORENZ, Dietmar

USAI, Paolino

MCC: 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 /  
G: yes U:

S4 / - rapporteur: NAVARRO, William

USAI, Paolino

MCC: NORTEL NETWORKS (EUROPE)

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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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 /  
G: yes U:

S4 / - rapporteur: SERENO, Daniele

USAI, Paolino

MCC: TELECOM ITALIA S.p.A.

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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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 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

WG (prime /  
G: yes U:

S4 / - rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

remarks - general:  
freeze\_meeting: gsm-25b  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 0 [get it](#)

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## TS 06.32 Voice Activity Detection (VAD)

WG (prime /  
G: yes U:

S4 / - rapporteur: BARRETT, Paul  
MCC: USAI, Paolino

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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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  
WG (prime) /  
G: yes U:

N3 / -  
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  
WG (prime) /  
G: yes U:

N3 / -  
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  
WG (prime) /  
G: yes U:

N3 / -  
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):

ETSI publication 1995-01-01 3 . 4 . 0

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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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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 08.01 General Aspects on the BSS-MSC Interface

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

remarks - general:

WG (prime /

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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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 /

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 1

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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 /

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

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

WG (prime) / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MOTOROLA A/S

freeze\_meeting: gsm-25b

G: yes U:

MCC:

remarks - general:  
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

WG (prime) / G2 / - rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert  
MOTOROLA A/S

freeze\_meeting: gsm-25b

G: yes U:

MCC:

remarks - general:  
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

WG (prime) / N3 / - rapporteur: RfSfNEN, Juha HAN, Seung Don  
NOKIA Corporation

freeze\_meeting: gsm-25b

G: yes U:

MCC:

remarks - general:  
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 Transceiver Station (BSC-BTS) Interface General Aspects

WG (prime / G2 / -  
current version: 3.0.2  
freeze\_meeting: gsm-25b

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

rappporteur:

MCC:

G: yes U:

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 2 [get it](#)

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## TS 08.52 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Principles

WG (prime / G2 / -  
current version: 3.0.2  
freeze\_meeting: gsm-25b

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

rappporteur:

MCC:

G: yes U:

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 2 [get it](#)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

WG (prime / G2 / -  
current version: 3.0.1  
freeze\_meeting: gsm-25b

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert  
MOTOROLA A/S

rappporteur:

MCC:

G: yes U:

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

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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 /

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . . 1

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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 /

G2 / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

MCC:

#10: 3.6.0

remarks - this  
release:

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 /

G1 / -

rappporteur:

VACANT,  
USAI, Paolino

MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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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 / G1 / - rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino) MOTOROLA A/S  
freeze\_meeting: gsm-25b

G: yes U:

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change

remarks - this release:

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 / N4 / - rapporteur: KYMALAINEN, Kimmo TellaSonera.AB  
G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):  
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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 /  
G: yes U:

N4 / -  
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

Ph1  
current version: Mobile Network (PLMN)  
3.0.1  
WG (prime / N3 /  
-rapporteur: HAN, Seung Don KT Freetel Co.,  
Ltd.

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".

WG (prime /  
G: yes U:

N3 / -  
rapporteur: HAN, Seung Don  
MCC: HAN, Seung Don

KT Freetel Co., Ltd.

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

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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  
WG (prime / N3 / - rapporteur: HAN, Seung Don  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
KT Freetel Co., Ltd.  
remarks - general: N3: "no R99 needed".  
remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 2

[get it](#)

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## 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)

Ph1  
WG (prime / N3 / - rapporteur: BELLING, Thomas  
G: yes U: HAN, Seung Don  
MCC: HAN, Seung Don  
SIEMENS AG  
remarks - general: freeze\_meeting: gsm-25b  
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

[get it](#)

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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)

Ph1  
TeliaSonera AB  
WG (prime / N4 / - rapporteur: KYMALAINEN, Kimmo  
G: yes U: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo  
remarks - general: freeze\_meeting: gsm-25b  
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

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G:yes U:

N4 / -

rappporteur: 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

[get it](#)

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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

# 3GPP specification status

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Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series) ACTIVE specs Ph1 11 .- series

## TS 11.10 Mobile Station Conformity Specification

Ph1  
current version: 3.23.1  
freeze\_meeting: gsm-25b

WG (prime / G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM  
G3ne  
w/  
NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

First complete	1992-01-01	1	.	0	.	0	
gsm-27		3	.	1	.	0	<a href="#">get it</a>
gsm-28		3	.	2	.	0	
gsm-29		3	.	3	.	0	
gsm-30		3	.	4	.	0	
gsm-31		3	.	5	.	0	
gsm-32		3	.	6	.	0	
smg-01		3	.	7	.	0	
smg-02		3	.	8	.	0	
smg-03		3	.	9	.	0	
smg-04bis		3	.	10	.	0	
smg-05		3	.	11	.	0	
smg-06		3	.	12	.	0	
smg-07		3	.	13	.	0	
smg-08 ?	1996-01-01	3	.	14	.	0	<a href="#">get it</a>
smg-08	1996-06-07	3	.	15	.	0	<a href="#">get it</a>
smg-09	1996-06-07	3	.	16	.	0	<a href="#">get it</a>
smg-10	1996-09-02	3	.	17	.	0	<a href="#">get it</a>
smg-11	1996-09-02	3	.	18	.	0	<a href="#">get it</a>
smg-12	1996-09-02	3	.	19	.	0	<a href="#">get it</a>
smg-13	1996-06-28	3	.	20	.	0	<a href="#">get it</a>
smg-15		3	.	21	.	0	
smg-16	1996-01-01	3	.	22	.	0	<a href="#">get it</a>
smg-20	1996-10-16	3	.	23	.	0	<a href="#">get it</a>
ETSI publication	1996-12-30	3	.	23	.	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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

Ph1 WG (prime / T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: RODERMUND, Friedhelm  
MCC:  
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

[get it](#)  
[get it](#)

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## TS 11.30 Mobile Services Switching Centre

Ph1 current version: 3.2.1 rapporteur: VACANT,  
freeze\_meeting: gsm-25b USAI, Paolino  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

[get it](#)

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## TS 11.31 Home Location Register Specification

Ph1 current version: 3.2.1 rapporteur: USAI, Paolino  
freeze\_meeting: gsm-25b  
MCC:  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 2 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 11.32 Visitor Location Register Specification

Ph1  
current version: 3.2.1  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / G: yes U: )  
GP / - rapporteur: USAI, Paolino  
MCC: .  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1995-01-01 3 . 2 . 1

[get it](#)

## TS 11.40 GSM System Simulator Specification

Ph1  
current version: 3.7.0  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime / G: yes U: )  
G3new/ - rapporteur: CLAYTON, Michael  
MCC: #2: 3.6.0 #11: 3.7.0  
remarks - this release:

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

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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)

## TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1  
current\_version: none  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: U: yes

S5 / rapporteur: TRUSS, Michael  
MCC: ZOICAS, Adrian  
MOTOROLA Ltd

remarks - this  
release:

history (event, available, version, comments, [hyperlink](#)):

## Ph1 TB .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

### TS TBR 5 General Attachment Requirements for GSM Mobile Stations

Ph1  
current\_version: none  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

MSG / - rapporteur: FREEMAN, David  
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](#)):

### TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1  
current\_version: none  
freeze\_meeting: gsm-25b  
remarks - general:

WG (prime /  
G: yes U:

MSG / - rapporteur: FREEMAN, David  
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](#)):

G = required in systems with GERAN access; U = required in systems with UMTS

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ACTIVE specs Ph1 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_serie](http://www.3gpp.org/ftp/Specs/archive/TB_serie)

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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  
freeze\_meeting: none  
remarks - general: G: U: yes  
remarks - this release: ZARRI, Michele  
CLAYTON, Michael  
T-Mobile (UK) Ltd

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  
freeze\_meeting: none  
remarks - general: G: U: yes  
remarks - this release: MCC: BOSWARTHICK, David  
N, A  
Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN acces; U = required in systems with UMTS



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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

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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)

## WITHDR 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 / T1 / rapporteur: N, A  
G: U: yes MCC: SULTAN, Alain  
Indicate persons who left Company and wait for new One  
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 acces; U = required in systems with UMTS

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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) / S2 / rapporteur: ZHANG, Wenlin  
G: U: yes BOSWARTHICK, David

current version: none

freeze\_meeting: .  
remarks - this release:

SP-25: WI in SP-040688. Post-SP-25, number changed to 23.804.

HUAWEI TECHNOLOGIES Co. Ltd.

*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) / R3 / - rapporteur: HAUSER, Andreas  
G: U: yes CALDENHOVEN, Juergen

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.

Vodafone D2 GmbH

*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

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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)

## TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)

Rel-6 WG (prime) / 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 specifications". SP-20: Superseded by 21.101 Rel-4.  
SP-20: Superseded by 21.101 Rel-4.  
remarks - this release:

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)

### TR 22.976 Study on PS domain services and capabilities

Rel-6 current version: none WG (prime) / 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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## Rel-6 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

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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)

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## TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

Rel-6 WG (prime) / S2 / rapporteur: PUDNEY, Chris VODAFONE Group Plc  
freeze\_meeting: G: yes U: yes MCC: BOSWARTHICK, David  
remarks - general: Created as a result of 23.895. SP-20: is in fact a Rel-5 doc.  
release:

history (event, available, version, comments, hyperlink):

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## TS 23.209 Policy control over Gq interface

Rel-6 WG (prime) / S2 / N3 / rapporteur: SILLANPFF, Anna NOKIA Corporation  
current version: none G: U: yes MCC: BOSWARTHICK, David  
freeze\_meeting: WI = IMS Phase 2 (UID 32021). 2004-02-20: responsibility N3 -> S2.  
remarks - general: 2004-04: S2 chairman indicates that there is no such spec (see  
29.209).  
release:

history (event, available, version, comments, hyperlink):

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## TS 23.340 (reserved for: "IP Multimedia Subsystem (IMS) messaging; Stage 2")

Rel-6 WG (prime) / S2 / rapporteur: N, A Indicate persons who left Company and wait for new  
current version: none G: U: yes MCC: BOSWARTHICK, David One  
freeze\_meeting: 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

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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 WG (prime / U: yes  
freeze\_meeting: G: U: yes  
remarks - general: WI UID = 32030. SP-23: withdrawn, on bringing of 23.125 under change control.

S2 / - rapporteur: WILLIAMS, Brian Telefon AB LM Ericsson  
MCC: BOSWARTHICK, David  
remarks - this release:

## 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

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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** **Push architecture**  
Rel-6 current version: none  
freeze\_meeting: 2003-02-04: -> 23.976  
remarks - general: 2003-02-04: -> 23.976

WG (prime / S2 / - rapporteur: YOON, Sang-Uj  
G: U: yes BOSWARTHICK, David  
MCC: 2003-02-04: -> 23.976  
remarks - this  
release:

KT Freetel Co., Ltd.

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	.	0 <a href="#">get it</a>

**TR 23.878** **Impacts of speech-enabled services on IMS, PS and CS domains**

Rel-6 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 / S2 / rapporteur: XUAN, Qing VODAFONE Group Plc  
G: U: yes BOSWARTHICK, David  
MCC: 2003-10-13: Turns out to be same document as 23.877.  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime) / S2 / rapporteur: MILINSKI, Alexander SIEMENS AG

freeze\_meeting: none U: yes MCC: BOSWARTHICK, David

remarks - general: SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert to 23.981. Agreed at S2-39.

remarks - this release:

### 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>

Next appearance is as SP-040048. 23.981.

## TR 23.898 3GPP access class barring and overload protection

Rel-6 WG (prime) / S2 / - rapporteur: DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.

freeze\_meeting: none 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	
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



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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  
WG (prime / G: yes U: yes)  
freeze\_meeting:

S2 / - rapporteur: MOUSSET, Claire NORTEL NETWORKS (EUROPE)

MCC: BOSWARTHICK, David

remarks - this release: SP-23: likely to be abandoned. SP-24: stopped, because contents is all in 23.207.

remarks - general: Work Item: SP-020140

### 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  
WG (prime / G: U: yes)  
freeze\_meeting:

S2 / - rapporteur: BERTENYI, Balazs NOKIA Corporation  
MCC: BOSWARTHICK, David

remarks - this release: 2003-02-03: Renumbered to 23.864.

remarks - general: 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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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

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/ R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH  
G: U: yes MCC: CALDENHOVEN, Juergen  
remarks - this RP-19: Completion target: RP-22. Thus assume service will be implemented in  
release: 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	<a href="#">get it</a>
R3-39	0	3	1	R3-031851
R3-40	0	3	2	
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

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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 25.867 Feasibility study for wideband distribution systems in 3rd generation networks

Rel-6 WG (prime) / R4 / rapporteur: MATARASSO, Carlo Mikom - Andrew  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release: 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) / R1 / - rapporteur: KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.  
G: U: yes MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release: 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

R1 / rapporteur: 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 R1-031398  
R1-36 2004-02-26 1 . 2 . 1 R1-040366  
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 R1-040603  
RP-24 2004-05-24 1 . 4 . 0 R1-040637 or R1-040659  
draft 2004-05-26 1 . 5 . 0 R1-040661  
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 /  
G: U: yes

R2 / - rapporteur: 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

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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 25.909 Enhanced uplink UTRA FDD; UTRAN Iub/Iur 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 / G: U: yes

R3 / rapporteur: STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)  
MCC: CALDENHOVEN, Juergen  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft 2004-08-04 0 . 0 . 1 [get it](#)

---

## TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

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 / G: U: yes

R2 / rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
MCC: ARZELIER, Claude  
remarks - this release:

history (event, available, version, comments, hyperlink):

rapporteur's first 0 . 0 . 0

draft

second draft with 2004-02-06 0 . 0 . 1 R2-040403, RP-040080

MCC revisions

agreed by

rapporteur

[get it](#)

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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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G = required in systems with GERAN access; U = required in systems with UMTS

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WITHDRAWN 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 26.141** **IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs**  
Rel-6 *WG (prime/* S4 / - *rapporteur:* HONKO, Harri  
*current version:* none G: U: yes NOKIA Corporation  
*freeze\_meeting:* WI = "Media Codecs and Formats for IMS Messaging and Presence"  
*remarks - general:* UID 32045. *remarks - this* 2004-11-04: Timed out of Rel-6; must be Rel-7.  
*release:*

*history (event, available, version, comments, hyperlink):*

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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)

**TS 27.150** **(Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")**  
Rel-6 *WG (prime/* T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc  
*current version:* none G: U: yes RODERMUND, Friedhelm  
*freeze\_meeting:* *remarks - this* provisional TP-18: rapporteur not confirmed.  
*remarks - general:* Justification: see SP-020608. Stages 1 & 2: 32.150. *release:*

*history (event, available, version, comments, hyperlink):*

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## Rel-6 **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

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WITHDRAWN 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 Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services

Rel-6 WG (prime) / N5 / rapporteur: VAN RIJUSSEN, Erwin Telefon AB LM Ericsson

freeze\_meeting: U: yes  
G: U: yes  
MCC: ZOICAS, Adrian

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

[get it](#)  
[get it](#)

## 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 WG (prime) / S5 / NP rapporteur: RONKA, Kari NOKIA Corporation

freeze\_meeting: U: yes  
G: U: yes  
MCC: ZOICAS, Adrian

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008.  
SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 32.350 Telecommunication management; Communication Surveillance (CS) requirements

Rel-6  
WG (prime): none  
freeze\_meeting: U: yes  
S5 / - rapporteur: LI, Yewen  
MCC: ZOICAS, Adrian  
China Mobile Communications Corporation (CMCC)  
remarks - general: W1 = OAM-NIM (UID 35014) 2003-12-05: S5 states that all contents moved to 32.351.  
remarks - this release: 2003-12-05: S5 states that all contents moved to 32.351.

history (event, available, version, comments, hyperlink):

SP-21 2003-09-29 1 . 0 . 0 SP-030422. 2003-12-05: S5 states  
that all contents moved to 32.351. [get it](#)

---

## TS 32.431 Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements

Rel-6  
WG (prime): none  
freeze\_meeting: U: yes  
S5 / - rapporteur: TOCHE, Christian  
MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - general: SP-25: Timed out of Rel-6  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24 2004-06-14 1 . 0 . 0 SP-040274 [get it](#)

---

## TS 32.433 Telecommunications management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition

Rel-6  
WG (prime): none  
freeze\_meeting: U: yes  
S5 / - rapporteur: TOCHE, Christian  
MCC: ZOICAS, Adrian  
NORTEL NETWORKS (EUROPE)  
remarks - general: SP-25: Timed out of Rel-7.  
remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS



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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 32.731** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-6 current version: none  
freeze\_meeting: none  
remarks - general: U: yes  
WG (prime / S5 / -) RAO, Mohan  
G: U: yes  
MCC: ZOICAS, Adrian  
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)  
Technologies Network Systems UK  
WG (prime / S5 / -) RAO, Mohan  
G: U: yes  
MCC: ZOICAS, Adrian  
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 32.733** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-6 current version: Common Object Request Broker Architecture (CORBA) Solution Set (SS)  
Technologies Network Systems UK  
WG (prime / S5 / -) RAO, Mohan  
G: U: yes  
MCC: ZOICAS, Adrian  
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):

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)  
WITHDRAWN specs Rel-6 32 .- series

**TS 32.734** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-6 current version: Common Management Information Protocol (CMIP) Solution Set (SS) none WG (prime / 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):

**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 / 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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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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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 33.109 Bootstrapping of application security using AKA and support for subscriber certificates; System description

Rel-6  
WG (prime / S3 / - rapporteur: HAUUKA, Tao  
G: U: yes MCC: POPE, Maurice  
freeze\_meeting: S3-30: to be split into four separate documents.  
remarks - general: W1 = SEC1-SC (UID 33002)  
remarks - this release:

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](#)

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## TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6  
WG (prime / S3 / rapporteur: N, A  
G: U: yes MCC: POPE, Maurice  
freeze\_meeting: W1 = NDS Authentication Framework (approved SP-16). 2002-07-22:  
remarks - general: decided not to publish, so -> 33.810.  
remarks - this release:

Indicate persons who left Company and wait for new  
One

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS

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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:* S3 / - *rapporporteur:* YAQUB, Raziq POPE, Maurice  
*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. 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. Reference Architecture added. Also other updates. 0 . 4 . 0

Further comments incorporated and also some editorial 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

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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 / SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
current version: none G: yes U: POPE, Maurice  
freeze\_meeting: post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.  
remarks - general: 41.101 Rel-6.  
remarks - this release:

*history (event, available, version, comments, hyperlink):*

---

## TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 WG (prime / G1 / rapporteur: GROSS, Robert TruePosition Inc.  
current version: none G: yes U: USAI, Paolino  
freeze\_meeting: remarks - this Renumbered to 45.811.  
remarks - general: Renumbered to 45.811.  
release:

*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 / T3 / - rapporteur: DIETRICH, Christian Axalto S.A.  
current version: none G: yes U: RODERMUND, Friedhelm  
freeze\_meeting: TP-17: From Rel-6, transferred to ETSI TS 102 240.  
remarks - general: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102 240.  
release:

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: )  
G1 / -  
rapporteur: S..BIFE, Benoist 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 / N1 / -  
G: yes U: )  
rapporteur: ANDERSEN, Niels Peter Skov MOTOROLA A/S  
MCC: JURISIC, Andrijana  
remarks - this release:

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

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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 /

S3 / rapporteur: CHRISTOFFERSSON, TellaSonera.AB

Per

POPE, Maurice

MCC:

SP-23: likely that this will -> Rel-7. SP-24: agreed to shift to Rel-7.

remarks - this

release:

remarks - general: Work item UID = 1571 (SEC1)

history (event, available, version, comments, hyperlink):

draft	0	1	.	0	
SP-23	2004-03-22	1	.	0	.
		0	.	0	.

SP-040170 - draft not available on specs server due to French export control restrictions

[get it](#)

## 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)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

remarks - this SP-20: Superseded by 21.101 Rel-5.  
release:

history (event, available, version, comments, hyperlink):

SP-12	0	0	0	0	SP-010275
SP-12	0	1	0	0	SP-010381
SP-13	2001-10-01	1	0	0	SP-010418
SP-15	2002-03-19	1	1	0	SP-020095
SP-15	2002-03-19	1	2	0	SP-020202
SP-16	2	0	0	0	
SP-16	2	1	0	0	SP-020274
SP-16	2	2	0	0	SP-020401
SP-16	2002-06-19	5	0	0	SP-020411
SP-17	2002-09-18	5	1	0	
SP-18	2003-01-03	5	2	0	
SP-19	2003-03-27	5	3	0	
SP-20	2003-06-25	5	4	0	withdrawn -> 21.101

## TR 21.877

Rel-5  
WG (prime /  
G: U: yes

## Radio optimization impacts on the Packet Switched (PS) domain architecture

S2 / - rapporteur: LAUTIER, Laurence NORTEL NETWORKS (EUROPE)  
MCC: BOSWARTHICK, David

remarks - this SP-20: -> Rel-6.  
release:

current version: none  
freeze\_meeting: SP-16

remarks - general:

history (event, available, version, comments, hyperlink):

draft	2002-04-15	0	2	0	
draft	2002-08-14	0	4	0	
draft	2002-09-17	0	5	0	
draft	2002-12-16	0	6	0	
draft	2003-02-24	0	7	0	-> Rel-6

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / S1 / - rapporteur: WOHLERT, Randolph SBC Technology Resources Inc.  
G: U: yes Clayton, Michael  
remarks - this SP-16: moved to Rel-6  
release:

history (event, available, version, comments, hyperlink):

SP-12	2001-06-27	1 . 0 . 0	SP-010364 (replaces SP-010265)	<a href="#">get it</a>
SP-13	2001-10-01	2 . 0 . 0	SP-010444	<a href="#">get it</a>
SP-13	2001-10-05	5 . 0 . 0		<a href="#">get it</a>
SP-14	2002-01-10	5 . 1 . 0		<a href="#">get it</a>
SP-15	2002-03-28	5 . 2 . 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 / S1 / rapporteur: JARVIS, Andre Hutchison 3G UK Ltd (3)  
G: U: yes Clayton, Michael  
remarks - this SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdraw Rel-5.  
release:

history (event, available, version, comments, hyperlink):

SP-13	2001-10-01	2 . 0 . 0	SP-010443	<a href="#">get it</a>
SP-13	2001-10-05	5 . 0 . 0		<a href="#">get it</a>
SP-14	2002-01-10	5 . 1 . 0		<a href="#">get it</a>
SP-15	2002-03-28	5 . 2 . 0	SP-16: withdrawn.	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / rapporteur: WATSON, John  
G: yes U: yes MCC: CLAYTON, Michael  
VODAFONE Group Plc  
remarks - this SP-15: Timed out of Rel-5.  
release:

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 / S1 / rapporteur: BISCHINGER, Kurt  
G: U: yes MCC: CLAYTON, Michael  
T-Mobile AUSTRIA GmbH  
remarks - this SP-15: Delayed to Rel-6  
release:

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 / S1 / rapporteur: WILLIAMS, David Hugh  
G: yes U: yes MCC: CLAYTON, Michael  
QUALCOMM EUROPE S.A.R.L.  
remarks - this SP-15: Delayed to Rel-6  
release:

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

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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 22.928 IP-based multimedia services examples

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* 2003-04-07 Clayton: scrapped.

WG (prime / S1 / rapporteur: CATALDO, Mark / Openwave Systems (N.I.) Ltd  
G: U: yes / MCC: CLAYTON, Michael  
*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 / S1 / rapporteur: WOHLERT, Randolph / SBC Technology Resources Inc.  
G: U: yes / MCC: CLAYTON, Michael

*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 [get it](#)  
SA1.  
draft 2001-10-15 0 . 4 . 1 [get it](#)  
SP-14 2002-01-02 0 . 7 . 0 NP-010701 (!) [get it](#)

## TR 22.946 Broadcast and multicast services

Rel-5  
*current version:* none  
*freeze\_meeting:* SP-15

WG (prime / S1 / rapporteur: N, A / Indicate persons who left Company and wait for new  
G: U: yes / MCC: CLAYTON, Michael / One

*remarks - general:* Replaced by 22.146.

*remarks - this release:* 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

S1 / -  
*rapporporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*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 /  
G: yes U: yes

N4 / -  
*rapporporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*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 /  
G: yes U: yes

S2 / -  
*rapporporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*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

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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 /  
G: U: yes

S2 / rapporteur: WOLAK, Stephen  
MCC: 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. ..."  
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1.

VODAFONE Group Plc

*history (event, available, version, comments, hyperlink):*

---

## TS 23.178

Rel-5  
current version: none  
freeze\_meeting: NP-15

WG (prime /  
G: yes U: yes

N2 / - rapporteur: HOMANN, Christian  
MCC: JURISIC, Andrijana

remarks - general: 2001-10-26: renumbered to 23.278.  
remarks - this release: 2001-10-26: renumbered to 23.278.

ALCATEL SEL AG

*history (event, available, version, comments, hyperlink):*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

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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  
*current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* Cf work item "Generic user profile"

S2 / *rapporteur:* KOSKINEN, Harri  
MCC: BOSWARTHICK, David  
Nokia Telecommunications Inc.  
*remarks - this release:* -> Rel-6

WG (prime) /  
G: U: yes

*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

[get it](#)

## TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)

Rel-5  
*current version:* none  
*freeze\_meeting:* TP-15

*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.

N4 / T2 *rapporteur:* KOZA, Yvette  
MCC: KYMALAINEN, Kimmo  
T-Mobile International AG  
*remarks - this release:* TP-15: Delayed to Rel-6.

WG (prime) /  
G: U: yes

*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

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WITHDRAWN specs Rel-5  
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) / S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.  
rapporteur: JARVIS, Andre  
MCC: BOSWARTHICK, David  
Hutchison 3G UK Ltd (3)  
SP-15: To be a Rel-6 service, not Rel-5.  
remarks - this release:

history (event, available, version, comments, hyperlink):

## TR 23.841 Presence service architecture

Rel-5  
WG (prime) / S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
remarks - general:  
rapporteur: BERTENYI, Balazs  
MCC: BOSWARTHICK, David  
NOKIA Corporation  
SP-15: To be a Rel-6 service, not Rel-5.  
remarks - this release: -> Rel-6

history (event, available, version, comments, hyperlink):

draft 2002-01-21 0 . 3 . 0  
draft 0 . 5 . 0  
SP-15 2002-03-19 1 . 0 . 0 SP-020156  
S2-24 1 . 1 . 0

## TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-5  
WG (prime) / S2 /  
G: U: yes  
current version: none  
freeze\_meeting: SP-15  
remarks - general: This is a preparatory report which may result in the creation of a stage 2 TS 23.246.  
rapporteur: JARVIS, Andre  
MCC: BOSWARTHICK, David  
Hutchison 3G UK Ltd (3)  
SP-15: To be a Rel-6 service, not Rel-5.  
remarks - this release:

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

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U: yes

N4 / -

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 /

G: yes U: yes

N4 / -

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 /

G: yes U: yes

N4 / -

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



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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 /  
G: yes U: yes

N4 / -

rappporteur: 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 /  
G: yes U: yes

S2 /

rappporteur: MILINSKI, Alexander

MCC: BOSWARTHICK, David

SIEMENS AG

remarks - this release:

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 /  
G: U: yes

S2 / -

rappporteur: SULTAN, Alain

MCC: BOSWARTHICK, David

SOURCE COM

SP-20: stopped

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

draft 2001-01-08 0 . 0 . 0

draft 2001-01-24 0 . 1 . 0

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime /  
G: U: yes

S2 / rapporteur: UDA, Nobuyuki  
MCC: BOSWARTHICK, David

NTT COMMWARE Corporation  
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.

remarks - general: SP-13: changed number to 23.875.

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

WG (prime /  
G: U: yes

N4 / T2 rapporteur: KYMALAINEN, Kimmo  
MCC: KYMALAINEN, Kimmo

TeliaSonera AB  
2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241. NP-24/TP-24: txferred from T2 to N4.

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

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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) / U: yes  
G: U: yes

R2 / rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

MCC: ARZELIER, Claude

remarks - this RP-13: This TR has been replaced by TS 25.308.  
release:

### history (event, available, version, comments, hyperlink):

RP-12 2001-06-19 1 . 0 . 0 RP-010345 [get it](#)  
RP-13 2001-10-01 2 . 0 . 0 RP-010562 [get it](#)  
RP-13 2001-10-02 5 . 0 . 0 [get it](#)

---

## TR 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects

Rel-5 WG (prime) / U: yes  
G: U: yes

R2 / rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

MCC: ARZELIER, Claude

remarks - this 2003-05-26: stopped  
release:

### history (event, available, version, comments, hyperlink):

---

## TR 25.857 UE positioning enhancements

Rel-5 WG (prime) / U: yes  
G: U: yes

R2 / rapporteur: BECKMANN, Mark SIEMENS AG

MCC: ARZELIER, Claude

remarks - this 2003-05-26: stopped  
release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /

G: U: yes

R2 / rapporteur: MIKOLA, Juha

MCC: ARZELIER, Claude

remarks - this RP-15: abandoned in favour of directly writing the stage 3 spec.  
release:

NOKIA Corporation

*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 /

G: U: yes

R4 / rapporteur: MATARASSO, Carlo

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.  
release:

Mikom - Andrew

*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 /

G: U: yes

R1 / - rapporteur: KIM, Sung-Jin

MCC: ISHII, Yoshikazu

remarks - this RP-20: to Rel-6.  
release:

Samsung Electronics Ind. Co., Ltd.

*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 [get it](#)

RP-15 2002-03-19 1 . 0 . 2 RP-020130 - RP-20: to Rel-6 [get it](#)

draft 2003-10-08 1 . 2 . 0 R1-030946 [get it](#)

draft 2004-03-01 1 . 2 . 1 R1-040396 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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) / R1 / rapporteur: HUANG, Howard  
G: U: yes / MCC: ISHII, Yoshikazu  
Lucent Technologies  
Lucent Technologies  
remarks - this 2003-11-03: Timed out of Rel-5, must be Rel-6.  
release:

history (event, available, version, comments, hyperlink):  
R1-21 0 . 0 . 0 R1-010879  
RP-14 2002-01-02 1 . 0 . 0 RP-010796  
R1-24 1 . 0 . 1 R1-020486  
RP-15 2002-07-31 1 . 1 . 0 RP-020240  
RP-24 1 . 5 . 0 (not presented at meeting)  
R1-38 1 . 5 . 1  
R1-38 1 . 6 . 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) / R4 / rapporteur: NUMMINEN, Jussi  
G: U: yes / MCC: GUTIERREZ MIGUELEZ, Cesar  
NOKIA Corporation  
NOKIA Corporation  
remarks - this RP-17: withdrawn.  
release:

history (event, available, version, comments, hyperlink):

RP-13 2001-10-01 1 . 0 . 0 RP-010672. RP-17: withdrawn.

G = required in systems with GERAN access; U = required in systems with UMTS

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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 25.886 Small technical enhancements and improvements work item

Rel-5  
current version: none  
freeze\_meeting: RP-15  
remarks - general:

WG (prime /  
G: U: yes

R4 /  
remarks - this  
release:

rappporteur: KWAK, Joe  
MCC: GUTIERREZ MIGUELEZ, Cesar  
INTERDIGITAL COMMUNICATIONS  
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 /  
G: U: yes

R1 / -  
remarks - this  
release:

rappporteur: KAHTAVA, Jussi  
MCC: ISHII, Yoshikazu  
Nokia Japan Co, Ltd  
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 /  
G: U: yes

R1 / -  
remarks - this  
release:

rappporteur: LI, Xiaoqiang  
MCC: ISHII, Yoshikazu  
Indicate persons who left Company and wait for new  
One  
-> Rel-6

history (event, available, version, comments, hyperlink):

RP-17 2002-09-24 1 . 0 . 0 RP-020508

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

Rel-5 WG (prime) / R4 / rapporteur: FERNANDES, Edgar MOTOROLA A/S  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
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 WG (prime) / R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation  
G: U: yes MCC: ARZELIER, Claude  
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):

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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 25.951 Base Station (BS) classification (FDD)

Rel-5  
current version: none  
freeze\_meeting: RP-16

remarks - general:

WG (prime / R4 / - rapporteur: SfYNf Jf KANGAS, NOKIA Corporation  
G: U: yes Tuomo  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.  
release:

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: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion of this TR, so stopped.

UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

WG (prime / R2 / rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
G: U: yes ARZELIER, Claude  
MCC:

remarks - this No technical contents, merely a pointer to the latest Release version.  
release:

history (event, available, version, comments, hyperlink):

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



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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)

---

## TS 27.104 vObjects and other constructs for data synchronization

Rel-5 WG (prime / U: yes)  
freeze\_meeting: TP-15

T2 / - rapporteur: LOCKHART, Rob Motorola Inc.  
MCC: RODERMUND, Friedhelm

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 WG (prime / U: yes)  
freeze\_meeting: TP-15

T2 / - rapporteur: HELLSTROM, Gunnar Omnitron AB  
MCC: RODERMUND, Friedhelm

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 3GPP generic user profile requirements, Stage 3; Access; Common objects

Rel-5 WG (prime / U: yes)  
freeze\_meeting: TP-16

T2 / rapporteur: LOCKHART, Rob Motorola Inc.  
MCC: RODERMUND, Friedhelm

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

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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 / N3 / rapporteur: HOLLAND, Nigel  
G: yes U: yes HAN, Seung Don  
mm02 plc  
MCC:  
remarks - this NP-19: to Rel-6  
release:

history (event, available, version, comments, hyperlink):

N3-16	0	0	0	
N3-17	2001-06-01	0	1	0
N3-18	0	2	0	0
N3-19	2001-11-08	0	3	0
N3-20	2002-01-14	0	4	0
draft	0	5	0	0
N3-21	0	6	0	0
draft	2002-02-18	0	6	1
NP-15	2002-03-19	1	0	0
				NP-020076

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## 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 / N3 / rapporteur: BELLING, Thomas  
G: yes U: yes HAN, Seung Don  
SIEMENS AG  
MCC:  
remarks - this NP-16: shifted to Rel-6.  
release:

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	0
N3-19	2001-11-09	0	3	0
NP-14	2002-01-02	1	0	0
N3-21	1	1	0	0
NP-15	2002-02-18	1	2	0
editorials	1	2	1	
N3-23	1	3	1	

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5  
current version: none  
freeze\_meeting: NP-15  
remarks - general:  
WG (prime) / N5 / rapporteur: ABARCA, Chelo  
G: U: yes  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
remarks - this release: 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  
remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES 202 915-9.  
WG (prime) / N5 / rapporteur: ABARCA, Chelo  
G: U: yes  
MCC: ZOICAS, Adrian  
ALCATEL S.A.  
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  
remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES 202 915-10.  
WG (prime) / N5 / rapporteur: N, A  
G: U: yes  
MCC: ZOICAS, Adrian  
Indicate persons who left Company and wait for new One  
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

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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 / 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 / N4 /  
G: U: yes  
current version: none  
freeze\_meeting: NP-15  
remarks - general:  
rapporteur: VACANT.  
MCC: KYMALAINEN, Kimmo  
WI approved TSG#7  
remarks - this  
release:

*history (event, available, version, comments, hyperlink):*

---

## TS 29.240 Generic User Profile (GUP); Stage 3; Network

Rel-5  
WG (prime / 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):*

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-5 WG (prime) / RP / -  
G: yes U: yes U: yes  
freeze\_meeting: none  
remarks - general: RP-19: stopped.

rapporporteur: COURAU, Franois  
MCC: ALCATEL S.A.  
GUTIERREZ MIGUELEZ, Cesar  
remarks - this release:

history (event, available, version, comments, hyperlink):

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## 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 current version: none  
freeze\_meeting: NP-15  
remarks - general:

N5 / G: U: yes  
rapporporteur: UNMEHOPA, Musa  
MCC: ZOICAS, Adrian  
SP-14 stopped.  
remarks - this release:

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 current version: none  
freeze\_meeting: NP-15  
remarks - general:

N5 / G: U: yes  
rapporporteur: UNMEHOPA, Musa  
MCC: ZOICAS, Adrian  
2003-01-15: abandoned by N5  
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

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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 29.998-05-2** **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: 2003-01-15: abandoned by N5  
remarks - this release: UNMEHOPA, Musa  
Lucent Technologies Network Systems UK  
ZOICAS, Adrian

*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**  
Rel-5  
current version: none  
freeze\_meeting: NP-16  
G: U: yes  
remarks - general: 2003-01-15: abandoned by N5  
remarks - this release: UNMEHOPA, Musa  
Lucent Technologies Network Systems UK  
ZOICAS, Adrian

*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)

**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 UMTS studies.  
N4 / -  
rapporporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo  
Gesellschaft f, r Kommunikations Software  
NP-18: Evidently Rel-5 is indeed required:  
remarks - this release:

*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

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WITHDRAWN specs Rel-5 30 .- series  
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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

Rel-5

### Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

WG (prime) / T3 / -

G: U: yes

rappporteur: MARTIN, Florence  
MCC: RODERMUND, Friedhelm

freeze\_meeting: TP-16

remarks - general: additional rappporteur: 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

Rel-5

### Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

WG (prime) / T3 / -

G: yes U: yes

rappporteur: MARTIN, Florence  
MCC: RODERMUND, Friedhelm

freeze\_meeting: TP-16

remarks - general: additional rappporteur: 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-020076

[get it](#)  
[get it](#)

## TS 31.123

Rel-5

### (Universal) Subscriber Interface Module ((U)SIM) toolkit interpreter test

WG (prime) / T3 /

G: U: yes

rappporteur: BARNES, Nigel  
MCC: RODERMUND, Friedhelm

freeze\_meeting: WI @ T3-01 0338, UID = 2518

remarks - general: WI @ T3-01 0338, UID = 2518  
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

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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 ((U)SIM) API

WG (prime) /

T3 /

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

MCC: RODERMUND, Friedhelm

freeze\_meeting: TP-16

G: U: yes

remarks - general: Test spec is 34.131.

remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

history (event, available, version, comments, hyperlink):

TP-14 2002-01-02 1 . 0 . 0 TP-010249

[get it](#)

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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)

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### TS 32.108 Telecommunication management; Subscriber and equipment trace

WG (prime) /

S5 / NP

rapporteur: RONKA, Kari

NOKIA Corporation

MCC: ZOICAS, Adrian

freeze\_meeting: SP-16

G: U: yes

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace

with 32.411, 32..42x and 52.008.

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

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 32.112** **Telecommunication management; Alarm Integration Reference Point; Information Service**  
Rel-5 *current version:* none / S5 / *rapporporteur:* TOVINGER, Thomas / Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 / G: U: yes / *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-15: stopped, no draft ever having been produced.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

**TS 32.113** **Telecommunication management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set**  
Rel-5 *current version:* none / S5 / *rapporporteur:* TOVINGER, Thomas / Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 / G: U: yes / *MCC:* ZOICAS, Adrian  
*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 32.114** **Telecommunication management; Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set**  
Rel-5 *current version:* none / S5 / *rapporporteur:* TOVINGER, Thomas / Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 / G: yes U: yes / *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-15: stopped, no draft ever having been produced.  
*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

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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 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-5  
WG (prime): S5 / -  
G: yes U: yes  
freeze\_meeting: SP-16  
reporteur: ISLIP, John  
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: move to Rel-6.

### 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

[get it](#)

[get it](#)

[get it](#)

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## TS 32.312-2 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service

Rel-5  
WG (prime): S5 /  
G: U: yes  
reporteur: N, A  
MCC: ZOICAS, Adrian  
Indicate persons who left Company and wait for new One

remarks - general: -> 32.112

remarks - this release:

### history (event, available, version, comments, hyperlink):

---

## TS 32.681 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements

Rel-5  
WG (prime): S5 / -  
G: yes U: yes  
reporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND  
remarks - general: SP-17  
remarks - this release: SP-17: moved to Rel-6.

### history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.682** **Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**  
Rel-5  
current version: none  
freeze\_meeting: SP-17  
remarks - general:  
WG (prime / S5 / - / -)  
G: yes U: yes  
rapporporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND  
SP-17: moved to Rel-6.  
remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

---

**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  
freeze\_meeting: SP-17  
remarks - general:  
WG (prime / S5 / - / -)  
G: yes U: yes  
rapporporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND  
SP-17: moved to Rel-6.  
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-5  
current version: none  
freeze\_meeting: SP-17  
remarks - general:  
WG (prime / S5 / - / -)  
G: yes U: yes  
rapporporteur: PAL, Tapinder  
MCC: ZOICAS, Adrian  
T-MOBILE DEUTSCHLAND  
SP-17: moved to Rel-6.  
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

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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)

**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 / S5 / rapporteur: KORINEK, Frank MOTOROLA JAPAN LTD  
G: U: yes MCC: ZOICAS, Adrian  
remarks - this 2001-08-27: S5 Secretary: no document to be produced.  
release:

history (event, available, version, comments, hyperlink):

---

Rel-5 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

**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 / S3 / - rapporteur: ESCOTT, Adrian Hutchison 3G UK Ltd (3)  
G: U: yes MCC: POPE, Maurice  
remarks - this .2002-06-26: Item abandoned, since seems unlikely any more work will be done  
release: on it.

history (event, available, version, comments, hyperlink):

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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)

G = required in systems with GERAN access; U = required in systems with UMTS

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WITHDRAWN 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)

## 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 / G: yes U: )  
SP / -  
rapporteur: 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	2001-07-05	0	1	SP-010384
SP-13	2001-10-01	1	0	SP-010421
SP-15	2002-03-19	1	1	SP-020098
SP-15	2002-03-19	1	2	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	2002-06-19	5	0	0
SP-17	2002-09-18	5	1	0
SP-18	2003-01-03	5	2	0
SP-19	2003-03-27	5	3	0
SP-20	2003-06-25	5	4	0 withdrawn -> 41.101

## Rel-5 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-5  
current version: none  
freeze\_meeting: SP-15

WG (prime / G: yes U: )  
S3 /  
rapporteur: WRIGHT, Tim 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):

SP-16	2002-06-24	5	0	0	SP-18: withdrawn.
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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

**TS 42.032** Immediate Service Termination (IST); Service description; Stage 1  
Rel-5 WG (prime / S3 / rapporteur: WRIGHT, Tim  
freeze\_meeting: SP-15 G: yes U: POPE, Maurice  
Indicate persons who left Company and wait for new One  
remarks - general: SP-16: withdrawn in favour of 22.032.  
MCC: SP-16: withdrawn in favour of 22.032.  
remarks - this release:

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)

**TS 43.031** Fraud Information Gathering System (FIGS); Service description; Stage 2  
Rel-5 WG (prime / S3 / - rapporteur: WRIGHT, Tim  
freeze\_meeting: SP-15 G: yes U: 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 & Rel-5 -> 23.031. SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn. [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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)

## TS 43.035 Immediate Service Termination (IST); Stage 2

Rel-5  
*current\_version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* SP-16: withdrawn in favour of 23.035.  
*WG (prime / S3 / - rapporteur:* WRIGHT, Tim  
*G: yes U:* POPE, Maurice  
*remarks - this release:* SP-16: withdrawn in favour of 23.035.  
Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

## TR 43.900 Support for voice optimization for the IMS in the GERAN

Rel-5  
*current\_version:* none  
*freeze\_meeting:* GP-10  
*remarks - general:* 2002-09-03: Transferred from G2 to G1.. GP-06: stopped.  
*WG (prime / G1 / rapporteur:* GUARINO, Bernard  
*G: yes U:* USAI, Paolino  
*remarks - this release:* 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.  
AT&T Wireless Services, Inc.

*history (event, available, version, comments, hyperlink):*

GP-06 2003-06-17 1 . 0 . 0 GP-011962 [get it](#)

## TR 43.930 Iur-g interface; Stage 2

Rel-5  
*current\_version:* none  
*freeze\_meeting:* GP-09  
*remarks - general:* GP-11: Withdrawn and replaced with 43.130.  
*WG (prime / G2 / rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*G: yes U:* Jose Luis THOMASEN, Gert  
*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 2002-04-22 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  
[get it](#)  
[get it](#)  
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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 Rel-5 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

*current version:* none  
*freeze\_meeting:* none  
*WG (prime / N1 / - rapporteur:* ANDERSEN, Niels Peter Skov  
*MCC:* JURISIC, Andrijana  
*MOTOROLA A/S*

*G: yes U:*

*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.  
*remarks - this release:*

*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)

## TR 50.099 Rel-5 GERAN project plan and open issues

*current version:* none  
*freeze\_meeting:* GP-09  
*WG (prime / G: yes U:*

*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.  
*GP / - rapporteur:* GRANT, Marc  
*MCC:* USAI, Paolino  
*remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5 frozen, so migrated to Rel-6.  
*Cingular Wireless LLC*

*history (event, available, version, comments, hyperlink):*

GP-08 2002-04-04 0 . 0 . 14 GP-020277  
GP-08 2002-03-20 0 . 0 . 15 GP-020515  
draft 2002-03-20 0 . 1 . 6

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[get it](#)  
[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)

G = required in systems with GERAN access; U = required in systems with UMTS



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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  
*current version:* none  
*freeze\_meeting:* TP-15  
*remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".

T3 / -  
*WG (prime /*  
G:yes U:  
*rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
RODERMUND, Friedhelm  
*MCC:* TP-16: Rel-5 version withdrawn.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-14 2002-01-17 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#)

## 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)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes)  
G: MEREDITH, John M ETSI Secretariat  
POPE, Maurice  
rapporteur: SP-20: Superseded by 21.101 Rel-4.  
MCC:  
SP / -  
remarks - this release:

### history (event, available, version, comments, hyperlink):

SP-08	2000-06-30	1	0	0	<a href="#">get it</a>
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 Support of Localized Service Area (SoLSA): Service description; Stage 1

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4  
WG (prime / U: yes)  
G: yes U: yes  
S1 / -  
rapporteur: KOKKOLA, Tommi NOKIA Corporation  
CLAYTON, Michael  
MCC:  
TSG#11: Becomes 42.043 for Rel-4 (!).  
remarks - this release:

### history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

T3 / -  
rapporteur: MEYER, Michael  
MCC: RODERMUND, Friedhelm  
TP-13: Rel-4 withdrawn, since stage 2 not ready.  
remarks - this  
release:

GIESECKE & DEVRIENT GmbH

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

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[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 /  
G: U: yes

S1 / -  
rapporteur: HELLSTROM, Gunnar  
MCC: CLAYTON, Michael  
Omnitor AB  
remarks - this  
release:

HELLSTROM, Gunnar  
CLAYTON, Michael

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 /  
G: U: yes

S1 / -  
rapporteur: CATALDO, Mark  
MCC: CLAYTON, Michael  
Openwave Systems (N.I.) Ltd  
remarks - this  
release: 2001-12-04: Rel4->Rel-5 (Clayton).

CATALDO, Mark  
CLAYTON, Michael

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.

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: yes)  
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 systems only. [get it](#)

## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general:  
WG (prime / G: yes U: yes)  
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 / G: yes U: yes)  
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](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

N1 / - rapporteur: 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

WG (prime /  
G: U: yes

S2 / - rapporteur: LIND, Christer  
MCC: BOSWARTHICK, David

remarks - this release: SP-20: stopped

remarks - general: New after TSG#5. SP-20: stopped

Indicate persons who left Company and wait for new One

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

WG (prime /  
G: U: yes

S2 / - rapporteur: KITADA, Yoshinori NTT COMMWARE Corporation  
MCC: BOSWARTHICK, David

remarks - this release: SP-20: stopped

remarks - general: 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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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) / S2 / rapporteur: VACANT,  
G: U: yes BOSWARTHICK, David  
MCC: SP-20: stopped  
remarks - this release:

### history (event, available, version, comments, hyperlink):

draft 1998-11-15 0 . 1 . 0 [get it](#)  
draft 1999-01-15 0 . 2 . 0 [get it](#)  
draft 1999-04-15 0 . 3 . 0 [get it](#)  
draft 1999-04-30 0 . 4 . 0 [get it](#)  
draft 1999-05-15 0 . 5 . 0 [get it](#)  
S2-05 1999-05-30 1 . 0 . 0 [get it](#)  
draft 1999-06-30 1 . 1 . 0 [get it](#)  
draft 1999-07-15 1 . 2 . 0 [get it](#)

## TR 23.913 UMTS Turbo-Charger

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: New after TSG#5

WG (prime) / - / - rapporteur: GARAPATY, Sonia  
G: U: yes N, A Nortel Networks (USA)  
MCC: N, A  
remarks - this release:

### history (event, available, version, comments, hyperlink):

N1-06 1999-08-20 0 . 0 . 1 [get it](#)  
N1-07 1999-09-17 0 . 0 . 2 [get it](#)  
N1-08 1999-10-29 0 . 0 . 3 [get it](#)  
revision 1999-11-15 0 . 1 . 0 [get it](#)  
revision 1999-11-30 0 . 1 . 1 [get it](#)  
NP-06 1999-12-17 1 . 0 . 0 [get it](#)  
N1-09 1999-12-03 1 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 23.922 Architecture for an All IP network

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general: TSG#5: 1.0.0

WG (prime /  
G: yes U: yes

S2 / -

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 /  
G: yes U: yes

S2 / -

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 /  
G: yes U: yes

S2 / -

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

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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 23.972 Circuit switched multimedia telephony

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / N1 / - rapporteur: FARHOUUMAND, Ericsson Incorporated  
Rouzbeh

G: U: yes 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.

## 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 24.004 Layer 1 - General Requirements

Rel-4  
current\_version: none  
freeze\_meeting: SP-11

WG (prime / G2 / - rapporteur: THOMAS, RÈmi France Telecom  
G: yes U: 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

G = required in systems with GERAN access; U = required in systems with UMTS



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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)

## TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Rel-4 WG (prime) / G2 / N2 rapporteur: AL -BAKRI, Ban THOMASEN, Gert  
current version: none G: yes U: yes MCC: TSG#11: Replaced by 44.012 for Rel-4.  
freeze\_meeting: SP-11  
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):

## TS 24.10U UMTS interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access

Rel-4 WG (prime) / - / rapporteur: N, A  
current version: none G: U: MCC: N, A  
freeze\_meeting: SP-11  
remarks - general: Indicate persons who left Company and wait for new One  
remarks - this release:

history (event, available, version, comments, hyperlink):

## TR 24.946 reserved

Rel-4 WG (prime) / - / rapporteur: VACANT, N, A  
current version: none G: U: yes MCC: N, A  
freeze\_meeting: SP-11  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: U: yes

rporteur: NILSSON, Martin

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; wdwn Apr00

WG (prime /  
G: U: yes

rporteur: MOULY, Michel

ARGUIN Communications

MCC: N, A

First draft: Jan2000

remarks - this  
release:

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 /  
G: U: yes

rporteur: SITTE, Armin

SIEMENS AG

MCC: ARZELIER, Claude

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

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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) /  
G: U: yes

R3 / -

rapporteur: 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) /  
G: U: yes

R3 / -

rapporteur: 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) /  
G: U: yes

R1 / -

rapporteur: HU, Jining 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

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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 25.845 FDD RACH and AICH performance requirements

Rel-4 current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U: yes

R4 / -

rappporteur: VIHRIF Lf, Jaakko NOKIA Corporation

MCC: GUTIERREZ MIGUELEZ, Cesar

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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[get it](#)

## TR 25.846 CPCH performance

Rel-4 current version: none

freeze\_meeting: SP-11

remarks - general: 2001-02-13: scrapped

WG (prime /  
G: U: yes

R4 / -

rappporteur: KWAK, Joe INTERDIGITAL COMMUNICATIONS

MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - this release:

history (event, available, version, comments, hyperlink):

## TR 25.852 Iu enhancements for IP Multimedia (IMS) support in UTRAN

Rel-4 current version: none

freeze\_meeting: SP-11

remarks - general: 2003-09-08: Title changed from "Radio access bearer support

enhancements for the Iu".

WG (prime /  
G: U: yes

R3 /

rappporteur: GODIN, Philippe NORTEL NETWORKS (EUROPE)

MCC: CALDENHOVEN, Juergen

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

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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 / R2 / - rapporteur: LAW, Alan VODAFONE LTD  
G: U: yes MCC: ARZELIER, Claude

remarks - this 2002-01-23: WG Secretary reports that this is really R99. Watch this space.  
release: 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	<a href="#">get it</a>
RP-04	1999-06-23	0	1	0	<a href="#">get it</a>
RP-05	1999-10-13	0	2	0	<a href="#">get it</a>
RP-06	1999-12-17	1	0	0	

## 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 / R3 / - rapporteur: PENAS, Enrico MOTOROLA Ltd  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - this TSG#10:2.0.0; approved renumbered as 25.853.  
release:

history (event, available, version, comments, hyperlink):

RP-08	2000-06-23	1	0	0	<a href="#">get it</a>
RP-09	2000-10-05	1	1	0	<a href="#">get it</a>
RP-10	2001-01-22	2	0	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes

R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.

MCC: CALDENHOVEN, Juergen

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	<a href="#">get it</a>
R3-13	2000-06-15	0	1	0	<a href="#">get it</a>
R3-13	2000-07-15	0	1	1	<a href="#">get it</a>
RP-09	2000-08-15	0	2	0	<a href="#">get it</a>
RP-10	2000-12-21	0	4	0	<a href="#">get it</a>
RP-11	2001-04-06	1	0	0	RP-000644
RP-12	2001-07-05	1	1	0	<a href="#">get it</a>
RP-13	2001-10-01	1	4	0	<a href="#">get it</a>
draft	2001-11-13	1	4	1	<a href="#">get it</a>
RP-14	2001-12-06	1	5	0	<a href="#">get it</a>
draft	2002-01-02	1	5	1	<a href="#">get it</a>
RP-15	2002-03-19	1	7	1	<a href="#">get it</a>
RP-15	2002-03-19	2	0	0	RP-020136, withdrawn
RP-15	2002-03-19	2	0	0	RP-020137

## TR 25.938 Terminal power saving features

Rel-4 current version: none

freeze\_meeting: SP-11

remarks - general: R3-27: abandoned.

WG (prime / U: yes

R3 / - rapporteur: CHOI, Sungho SAMSUNG Electronics Co., Japan R&D Office

MCC: CALDENHOVEN, Juergen

remarks - this release: RP-15: Withdrawal confirmed.

history (event, available, version, comments, hyperlink):

draft	2000-08-15	0	0	1	<a href="#">get it</a>
draft	2000-10-05	0	1	0	<a href="#">get it</a>
RP-10	2000-12-21	0	1	1	<a href="#">get it</a>
RP-11	2001-04-06	2	0	0	RP-000654
RP-11	2001-04-06	2	0	0	R3-27: abandoned, confirmed RP-15.

G = required in systems with GERAN access; U = required in systems with UMTS

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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 25.951 Base Station (BS) classification (FDD)

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

WG (prime / R4 / - rapporteur: SfYNf-JfKANGAS, NOKIA Corporation  
G: U: yes Tuomo  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this 2002-01-24: Gutierrez: moved to Rel-5  
release:

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

## TR 25.952 Base Station classification (TDD)

Rel-4  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime / R4 / - rapporteur: AXNESS, Timothy INTERDIGITAL COMMUNICATIONS  
G: U: yes GUTIERREZ MIGUELEZ, Cesar  
MCC: -> Rel-5  
remarks - this  
release:

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

## TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

Rel-4  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime / R2 / - rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
G: U: yes ARZELIER, Claude  
MCC: No technical contents, merely a pointer to the latest Release version.  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes) S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: USAI, Paolino  
MCC: Replaced by 26.978.  
remarks - this release:

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 / U: yes) S4 / - rapporteur: HELLSTROM, Gunnar Omnicor AB  
G: yes USAI, Paolino  
MCC: TSG#11:withdrawn->rel-5  
remarks - this release:

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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[get it](#)  
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 / G: yes U: yes)  
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

S4 / - rapporteur: HELLSTROM, Gunnar Omnitron AB  
MCC: USAI, Paolino

remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

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 / G: yes U: yes)  
freeze\_meeting: SP-11

remarks - general:

S4 / - rapporteur: OJALA, Pasi Nokia Research Center  
MCC: USAI, Paolino

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 WG (prime / G: U: yes)  
freeze\_meeting: SP-11

remarks - general:

S4 / - rapporteur: HONKO, Harri NOKIA Corporation  
MCC: USAI, Paolino

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

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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)

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**TR 26.920** Architectural Model for the 3G Transcoders  
Rel-4 current version: none WG (prime / S4 / - rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
freeze\_meeting: SP-11 G: U: yes USAI, Paolino MCC:  
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

[get it](#)

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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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**TS 28.020** Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface  
Rel-4 current version: none WG (prime / N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
freeze\_meeting: SP-11 G: U: yes HAN, Seung Don MCC:  
remarks - general: 2001-11-07: Boswarthick: Not required for Rel-4. remarks - this release:

history (event, available, version, comments, hyperlink):

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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

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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 WG (prime) / U: yes  
G: yes U: yes

RP / - rapporteur: COURAU, Franois ALCATEL S.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general: RP-19: stopped.  
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 WG (prime) / U: yes  
G: yes U: yes

N4 / - rapporteur: WIEHE, Ulrich  
MCC: KYMALAINEN, Kimmo

remarks - general: NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS studies.  
remarks - this release: 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.

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. [get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / U: yes) R4 / - rapporteur: IWASA, Masaaki MOTOROLA JAPAN LTD  
G: MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - this RP-15: Not to be promoted to Rel-5. RP-20: stopped  
release:

### history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	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	

[get it](#)  
[get it](#)  
[get it](#)  
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[get it](#)

## TR 30.801 Overall Project Plan

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general:

WG (prime / U: yes) S2 / - rapporteur: SULTAN, Alain SOURCE COM  
G: MCC: BOSWARTHICK, David  
remarks - this TSG#11: Work stopped.  
release:

### 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

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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 30.802 Project plan on Bearer Services and QoS

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / S2 / - rapporteur: LOPEZ-TORRES, One  
Indicate persons who left Company and wait for new  
G: U: yes BOSWARTHICK, David  
MCC: 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now  
remarks - this removed. TSG#11: Work stopped.  
release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 1 . 0 . 0  
SP-09 4 . 0 . 0

[get it](#)

## TR 30.804 Project plan on GSM/UMTS Interoperation and Mobility Management

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / S2 / - rapporteur: COURAU, Fran ois ALCATEL S.A.  
G: U: yes BOSWARTHICK, David  
MCC: TSG#11: Work stopped.  
remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 1 . 0 . 0

[get it](#)

## TR 30.806 Project plan on Location based services

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime / S2 / - rapporteur: K LL, Jan NOKIA Corporation  
G: U: yes BOSWARTHICK, David  
MCC: TSG#11: Work stopped.  
remarks - this  
release:

remarks - general:

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

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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 /  
G: U: yes

S2 / - 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

[get it](#)

---

## TR 30.810 Project plan on Security

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general:

WG (prime /  
G: U: yes

S2 / - 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

[get it](#)

---

## TR 30.812 Project plan on Services and Service platforms

Rel-4  
current version: none  
freeze\_meeting: SP-11  
remarks - general:

WG (prime /  
G: U: yes

S2 / - 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

[get it](#)

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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

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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

WG (prime /  
G: U: yes

T3 / rapporteur: KALINER, Stefan  
MCC: RODERMUND, Friedhelm

remarks - this TP-16: withdrawn; only Rel-5 remains valid.  
release:

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

WG (prime /  
G: U: yes

S5 / - rapporteur: H. BINETTE, Ulf  
MCC: ZOICAS, Adrian

remarks - this SP-12: Split into several specs. 32.401, '402, '403.  
release:

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

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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 /  
G: U: yes

S5 / -

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 [get it](#)  
SP-08 2000-06-23 0 . 0 . 2 [get it](#)  
SP-09 2000-09-28 0 . 0 . 3 [get it](#)  
draft 2000-10-10 0 . 0 . 4 SP-12: Rel-4 withdrawn.

## 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 /  
G: yes U: yes

S5 / -

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 /  
G: yes U: yes

S5 / -

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



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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 32.106-3** Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture  
Rel-4 current version: (CORBA) Solution Set (SS) WG (prime) / S5 / TSE, Edwin Ericsson  
Incorporated -rapporteur:

freeze\_meeting: SP-12  
remarks - general: TSG#8: split into eight parts

G: yes U: yes

MCC: ZOICAS, Adrian  
SP-12: withdrawn.

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

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**TS 32.106-4** Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol  
Rel-4 current version: (CMIP) Solution Set (SS) WG (prime) / S5 / POLLAKOWSKI, Olaf  
SIEMENS AG -rapporteur:

freeze\_meeting: SP-12  
remarks - general: TSG#8: split into eight parts

G: yes U: yes

MCC: ZOICAS, Adrian  
SP-12: withdrawn.

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

---

**TS 32.106-5** Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP); Information model (including Network Resource  
Rel-4 current version: none WG (prime) / S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
freeze\_meeting: SP-12 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into eight parts

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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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

Rel-4 current version: (CORBA) Solution Set (SS) WG (prime) / S5 / POLLAKOWSKI, Olaf  
SIEMENS AG -rapporteur:

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 32.106-7 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) WG (prime) / S5 / POLLAKOWSKI, Olaf  
SIEMENS AG -rapporteur:

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 WG (prime) / S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
SIEMENS AG -rapporteur:

freeze\_meeting: SP-11  
remarks - general: TSG#8: split into eight parts

G: yes U: yes

MCC: ZOICAS, Adrian

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

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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)

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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 / S5 / - rapporteur: CICHITTO, Gaetano  
G: U: yes 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 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements**  
Rel-4 current version: none  
freeze\_meeting: S5 / rapporteur: N, A  
Indicate persons who left Company and wait for new One

WG (prime / S5 / - rapporteur: N, A  
G: U: yes MCC: ZOICAS, Adrian  
remarks - this release:

remarks - general: SP-12: stopped. See 32.311.

history (event, available, version, comments, hyperlink):  
SP-12 2 . 0 . 0 SP-010285

---

**TS 32.112-2 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service**  
Rel-4 current version: none  
freeze\_meeting: S2 / rapporteur: N, A  
Indicate persons who left Company and wait for new One

WG (prime / S2 / - rapporteur: N, A  
G: U: yes MCC: BOSWARTHICK, David  
remarks - this release:

history (event, available, version, comments, hyperlink):  
SP-12 2 . 0 . 0 SP-010285

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-4 WG (prime) / S5 / - rapporteur: ISLIP, John Lucent Technologies Network Systems UK  
G: yes U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: NP-13  
remarks - general: 2004-03-29: S5 Project Manager: "services operations management"  
removed from title. TSG#8:0.1.0 but associated WI not approved. SP-12: moved to rel-5.  
release:

history (event, available, version, comments, hyperlink):  
draft 2000-08-01 0 . 1 . 0

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## TS 32.301-1 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements

Rel-4 WG (prime) / S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd  
G: U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: SP-11  
remarks - general: Replaces 32.106 (pars). SP-12: stopped. See 32.301.  
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 WG (prime) / S5 / - rapporteur: TSE, Edwin Ericsson Incorporated  
G: U: yes MCC: ZOICAS, Adrian  
freeze\_meeting: SP-11  
remarks - general: Replaces 32.106-2SP-12: stopped. See 32.302.  
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

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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  
Rel-4 current version: (CORBA) solution set  
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

**TS 32.301-4** Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP)  
Rel-4 current version: none  
freeze\_meeting:  
remarks - general: Replaces 32.106-4 SP-12: stopped. See 32..304.

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

**TS 32.312-1** Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements  
Rel-4 current version: none  
freeze\_meeting: SP-11  
remarks - general: -> 32.111

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 32.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-4  
current version: none  
freeze\_meeting:  
remarks - general: was 32.104 (pars). SP-13: replaced by 52.402.  
WG (prime / S5 / - rapporteur: NENNER, Karl-Heinz T-Mobile International AG  
G: yes U: ZOICAS, Adrian  
MCC:  
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:  
remarks - general: Replaces 32.106 (pars). SP-12: stopped. See 32.601.  
WG (prime / S5 / - rapporteur: WILBER, John  
G: yes U: ZOICAS, Adrian  
MCC:  
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:  
remarks - general: Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.  
WG (prime / S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
G: yes U: ZOICAS, Adrian  
MCC:  
remarks - this release:

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

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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 32.601-3 Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture

Rel-4 current version: (CORBA) solution set none WG (prime / S5 / -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting:

remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.

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 32.601-4 Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)

Rel-4 current version: none WG (prime / S5 / -rapporteur: TOVINGER, Thomas  
Telefon AB LM Ericsson

freeze\_meeting:

remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.604.

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 32.602-1 Telecommunication management; Configuration Management (CM); CMT: Bulk CM Integration Reference Point (IRP) requirements

Rel-4 current version: none WG (prime / S5 / rapporteur: N, A  
Indicate persons who left Company and wait for new

freeze\_meeting:

remarks - general: SP-12: stopped. See 32.611.

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

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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 32.602-2** Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Information service  
Rel-4  
current version: none  
freeze\_meeting: N, A  
WG (prime / S5 / rapporteur: N, A  
MCC: ZOICAS, Adrian  
G: U: yes  
remarks - this release: One  
Indicate persons who left Company and wait for new

remarks - general: SP-12: stopped. See 32.612.

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

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**TS 32.602-3** Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request  
Rel-4  
current version: Broker Architecture (CORBA) solution set none  
WG (prime / S5 / rapporteur: BONNEAU, Frédéric  
NETWORKS (EUROPE) NORTEL

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  
Rel-4  
current version: Information Protocol (CMIP) solution set none  
WG (prime / S5 / rapporteur: 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



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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 32.602-5** Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition  
Rel-4  
current version: none  
freeze\_meeting:

remarks - general: SP-12: stopped. See 32.615.

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

WG (prime / S5 / rapporteur: N, A / MCC: ZOICAS, Adrian / G: U: yes

remarks - this release:

[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:

remarks - general: Replaces 32.106 (pars).SP-12: stopped. See 32.621.

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

WG (prime / S5 / rapporteur: PIRT, Trevor / MCC: ZOICAS, Adrian / G: yes U: yes

remarks - this release:

[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:

remarks - general: Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.

history (event, available, version, comments, hyperlink):  
SP-12 2001-06-18 2 . 0 . 0

WG (prime / S5 / rapporteur: TOVINGER, Thomas / MCC: ZOICAS, Adrian / G: yes U: yes

remarks - this release:

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 32.620-3** 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 / WG (prime) / S5 / -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

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

[get it](#)

**TS 32.620-4** Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management  
Rel-4 current version: Information Protocol (CMIP) solution set none / WG (prime) / S5 / -rapporteur: TOVINGER, Thomas  
AB LM Ericsson

Telefon

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](#)

**TS 32.621-1** Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements  
Rel-4 current version: none / WG (prime) / S5 / -rapporteur: PIRT, Trevor  
SIEMENS AG freeze\_meeting: ZOICAS, Adrian

remarks - general: Replaces 32.106 (pars).SP-12: stopped. See 32.631.

G: U: yes

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

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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 32.621-2 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version*: none *WG (prime)*: S5 / - *rappporteur*: TOVINGER, Thomas *Telefon AB LM Ericsson*

*freeze\_meeting*:

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](#)

---

## 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 *WG (prime)*: S5 / - *rappporteur*: 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 *WG (prime)*: S5 / - *rappporteur*: TOVINGER, Thomas

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

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Telefon

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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)

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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 *WG (prime/* S5 / - *rapporteur:* PIRT, Trevor  
*freeze\_meeting:* *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 *WG (prime/* S5 / - *rapporteur:* TOVINGER, Thomas  
*freeze\_meeting:* *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 *WG (prime/* S5 / - *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:*

*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.

*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

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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 32.622-4** 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) / S5 / TOVINGER, Thomas  
AB LM Ericsson -rapporteur: TOVINGER, Thomas Telefon

freeze\_meeting:  
remarks - general: 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](#)

---

**TS 32.623-1** Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements  
Rel-4 current version: none / WG (prime) / S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd  
G: U: yes MCC: ZOICAS, Adrian  
remarks - general: 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](#)

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**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 / WG (prime) / S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
G: yes U: MCC: ZOICAS, Adrian  
remarks - general: 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

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Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series) Rel-4 32 .- series  
WITHDRAWN specs

**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 none / WG (prime / S5 / -rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:*

*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.

G: yes U:

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 none / WG (prime / S5 / -rapporteur: TOVINGER, Thomas  
AB LM Ericsson

Telefon

*freeze\_meeting:*

*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.

G: yes U:

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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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 /

G: U: yes

S3 / -

Hutchison 3G UK Ltd (3)

rappporteur: ESCOTT, Adrian

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 /

G: U: yes

S3 / -

DTI - Department of Trade and Industry

rappporteur: BROOKSON, Charles

MCC: POPE, Maurice

remarks - this release:

history (event, available, version, comments, hyperlink):

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## 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 /

G: U: yes

S3 / SAG

rappporteur: VACANT,

E 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](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

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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 / G: yes U: )  
SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice  
remarks - this ->41.102  
release:

history (event, available, version, comments, hyperlink):

SP-10 2000-12-03 1 . 0 . 0 [get it](#)

## TS 41.101 GSM Release 4 specifications

Rel-4 current version: none  
freeze\_meeting: SP-11

remarks - general: NE 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.

WG (prime / G: yes U: )  
SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice  
remarks - this SP-20: Superseded by 41.101 Rel-4.  
release:

history (event, available, version, comments, hyperlink):

SP-10 2001-01-04 1 . 0 . 0 [get it](#)  
SP-11 2001-04-11 1 . 0 . 1 [get it](#)  
SP-12 2001-07-05 4 . 0 . 0 [get it](#)  
SP-13 2001-10-01 4 . 1 . 0 [get it](#)  
SP-14 2002-01-03 4 . 2 . 0 [get it](#)  
SP-15 2002-03-27 4 . 3 . 0 [get it](#)  
SP-16 2002-06-19 4 . 4 . 0 [get it](#)  
post SP-16 2002-06-25 4 . 5 . 0 [get it](#)  
editorial 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 [get it](#) withdrawn -> 41.101

G = required in systems with GERAN access; U = required in systems with UMTS



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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 *WG (prime /* S3 / *rapporteur:* WRIGHT, Tim *Indicate persons who left Company and wait for new*  
*freeze\_meeting:* SP-11 *G: yes U:* POPE, Maurice *One*

*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.  
*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 *WG (prime /* S3 / *rapporteur:* WRIGHT, Tim *Indicate persons who left Company and wait for new*  
*freeze\_meeting:* SP-11 *G: yes U:* POPE, Maurice *One*

*remarks - general:* SP-16: withdrawn in favour of 22.032.  
*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 *WG (prime /* T3 / S3 *rapporteur:* BARNES, Nigel *MOTOROLA Ltd*  
*freeze\_meeting:* SP-11 *G: yes U:* RODERMUND, Friedhelm *MCC:*

*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

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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  
remarks - general: Scrapped - see 22.053, Rel-4 onwards.

WG (prime /  
G: yes U:

S4 / rapporteur: NAVARRO, William  
MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

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

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031  
Rel-4 & Rel-5 -> 23.031.

WG (prime /  
G: yes U:

S3 / - rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice

Indicate persons who left Company and wait for new  
One

remarks - this  
release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 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 acces; U = required in systems with UMTS

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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 / S3 / - rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new One  
G: yes U: POPE, Maurice  
MCC: SP-16: withdrawn in favour of 23.035.  
remarks - this release:

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

N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
MCC: HAN, Seung Don

remarks - general: 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.  
remarks - this release: .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

T3 / - rapporteur: BARNES, Nigel MOTOROLA Ltd  
MCC: RODERMUND, Friedhelm

remarks - general: TP-12: replaced by 23.048.

remarks - this release: TP-12: replaced by 23.048.

## history (event, available, version, comments, hyperlink):

TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series) WITHDRAWN specs Rel-4 43 .- series

**TS 43.051** **GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2**  
Rel-4 *WG (prime /*  
*current version:* none *G: yes U:*  
*freeze\_meeting:* SP-11  
*remarks - general:* Originally created as 03.51r00  
G1 / - *rapporteur:* S..BIRE, Guillaume NOKIA Corporation  
*MCC:* USAI, Paolino  
*remarks - this* Created after TSG#8. GP-08: withdrawn  
*release:*

*history (event, available, version, comments, hyperlink):*

GP-02 2001-01-05 4 . 0 . 0 GP-08: withdrawn [get it](#)

**TS 43.063** **Packet Data on Signalling channels service (PDS) Service description, Stage 2**  
Rel-4 *WG (prime /*  
*current version:* none *G: yes U:*  
*freeze\_meeting:* SP-11  
*remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so  
proposes to withdraw.  
N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*MCC:* JURISIC, Andrijana  
*remarks - this* 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage  
*release:* 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](#)

**TS 43.071** **Location Services (LCS); Functional description; Stage 2 (GSM)**  
Rel-4 *WG (prime /*  
*current version:* none *G: yes U:*  
*freeze\_meeting:* SP-11  
*remarks - general:* Superseded by 23.271 Rel-4.  
S2 / - *rapporteur:* BROOK, Richard NORTEL NETWORKS (EUROPE)  
*MCC:* BOSWARTHICK, David  
*remarks - this* Superseded by 23.271 Rel-4.  
*release:*

*history (event, available, version, comments, hyperlink):*

SP-11 4 . 0 . 0

Rel-4 **44 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

N1 / G2  
rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana  
remarks - this  
release: withdrawn at NP-15.

MOTOROLA Ltd

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.

N1 / -  
rapporteur: JACOBSON, Dieter  
MCC: JURISIC, Andrijana  
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.

T-MOBILE DEUTSCHLAND

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

Rel-4  
current version: none  
freeze\_meeting: SP-11

remarks - general:

-> 28.062

## Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

WG (prime /  
G: yes U:

S4 / -  
rapporteur: USAI, Paolino  
MCC: USAI, Paolino  
remarks - this  
release: -> 28.062

TELECOM ITALIA S.p.A.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 WG (prime / N1 / - rapporteur: ANDERSEN, Niels Peter Skov MOTOROLA A/S  
freeze\_meeting: none JURISIC, Andrijana

G: yes U:

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 WG (prime / S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
freeze\_meeting: none G: yes U: CLAYTON, Michael

remarks - general: SP-11  
2001-April: Clayton: stopped.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

---

## TS 50.056 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

Rel-4 WG (prime) / S2 / -

current version: none

freeze\_meeting: SP-11

remarks - general: Apr 2001 - Sultan:no Rel-4 will exist

rappporteur: GALLIGO, Michel

MCC: BOSWARTHICK, David

ALCATEL S.A.

Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 4 . 0 . 0 not to be produced

---

## TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

Rel-4 WG (prime) / GP / -

current version: none

freeze\_meeting: SP-11

remarks - general:

rappporteur: ISAACS, Ken

MCC: USAI, Paolino

SIEMENS AG

Usai Apr-2001: will never be produced.

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
*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 /  
G: yes U:  
GP / -  
rapporteur: GRANT, Marc  
USAI, Paolino  
MCC:  
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".  
remarks - this  
release:

Cingular Wireless LLC

### history (event, available, version, comments, hyperlink):

draft	2000-10-09	0	.	0	.	1	<a href="#">get it</a>
draft	2000-04-02	0	.	0	.	2	<a href="#">get it</a>
draft	2000-11-06	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

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 acces; U = required in systems with UMTS



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WITHDRAWN 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)

## TS 52.071 Location Services (LCS); Location services (LCS) management

Rel-4  
current version: none  
freeze\_meeting: SP-11

WG (prime /  
G: yes U:

S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)

MCC: ZOICAS, Adrian

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

SP-13 2001-10-03 4 . 1 . 0 This is the version declaring itself to be withdrawn. A sort of non-version. Anti-bootstrapping (autointerment?)

[get it](#)  
[get it](#)

## 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 Voice Group Call Service (VGCS); Stage 1

R00  
current version: none  
freeze\_meeting:

WG (prime /  
G: yes U:

S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

MCC: CLAYTON, Michael

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

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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 /  
G: yes U:

S1 / -

rappporteur: 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 /  
G: yes U:

S3 / NP /  
GP

rappporteur: 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

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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 03.51** GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2  
R00 WG (prime /  
G: yes U:

G1 / - rapporteur: S. BIRE, Guillaume  
MCC: USAI, Paolino NOKIA Corporation

remarks - general: -> 43.051  
remarks - this release:

history (event, available, version, comments, hyperlink):

---

**TS 03.59** Location services (LCS) GERAN; Stage 2

R00 current version: none  
freeze\_meeting:

G1 / - rapporteur: LIVINGSTON, Margaret  
MCC: USAI, Paolino NOKIA Corporation

remarks - general: replaced by 43.059  
remarks - this release:

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:

N1 / - rapporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana Nortel Networks (USA)

remarks - general: smg-32 2000-06-20 9 . 0 . 0  
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

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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 /  
G: yes U:

N1 / -

rapporporteur: M\* NNING, Dirk  
MCC: JURISIC, Andrijana

DETECON GMBH

remarks - this  
release: #32.9.0.0 TSG#8.9.0.0->43.069v4.0.0

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 /  
G: yes U:

G2 / -

rapporporteur: HOWELL, Andrew  
MCC: THOMASEN, Gert

MOTOROLA Ltd

remarks - this  
release: Aug00: replaced by 44.018

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 /  
G: yes U:

N1 / -

rapporporteur: GARAPATY, Sonia  
MCC: JURISIC, Andrijana

Nortel Networks (USA)

remarks - this  
release:

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

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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 /

G: yes U:

N1 / -

rapporteur:

GARAPATY, Sonia

JURISIC, Andrijana

Nortel Networks (USA)

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

R00

current version: none

freeze\_meeting:

remarks - general:

Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

WG (prime /

G: yes U:

G2 / -

rapporteur:

ANDERSEN, Niels

Peter Sikov

THOMASEN, Gert

MOTOROLA AIS

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

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

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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 /

G: yes U:

rapporteur: MUELLER, Frank

N, A

MCC:

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:

WG (prime /

G3new/ S1 /

NP /

T2 /

SCP

rapporteur: SALMERON, Lidia

TELEPLUS LIMITED

G: yes U:

MCC: CLAYTON, Michael

remarks - general: R99 version now serves all releases. Earlier releases closed..

Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

#32:9.0.0->51.010-1v4.0.1

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-32 2000-06-20 9 . 0 . 0

edito 2000-07-12 9 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

**TS 11.10-3** Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)  
R00 *WG (prime) / G3new/ S1 / NP / T2 / SCP* rapporteur: SALMERON, Lidia TELEPLUS LIMITED

*freeze\_meeting:*

G: yes U:

MCC: CLAYTON, Michael  
remarks - this #32:9.0.0->51.010-3v4.0.0  
release:

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](#)

---

**R00** **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

**TR 25.839** Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)

R00 *WG (prime) /*  
current version: none  
*freeze\_meeting:*

G: U: yes

R3 / - rapporteur: PARK, Jin Hyo SK TELECOM  
MCC: CALDENHOVEN, Juergen  
remarks - this -> Rel-4  
release:

*history (event, available, version, comments, hyperlink):*

draft 2000-08-15 0 . 0 . 1  
RP-10 2000-09-21 0 . 1 . 0 RP-000642

---

**R99**

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / G: yes U: SP / - rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
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 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements

R99 current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / G: yes U: S1 / - rapporteur: POIRAUD, Patrick ALCATEL S.A.  
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



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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 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

S1 / -  
WG (prime /  
G: yes U:  
rapporteur: KOKKOLA, Tommi  
CLAYTON, Michael  
MCC:  
TSG#6: ->3G  
NOKIA Corporation

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0 [get it](#)  
smg-29 1999-06-25 8 . 1 . 0 [get it](#)  
smg-30 2001-10-25 8 . 2 . 0 [get it](#)  
ETSI publication 2001-10-30 8 . 2 . 1

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

S1 / -  
WG (prime /  
G: yes U:  
rapporteur: CARPENTER, Paul  
CLAYTON, Michael  
MCC:  
Research In Motion Limited

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 8 . 0 . 0 [get it](#)

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

S1 / -  
WG (prime /  
G: yes U:  
rapporteur: KOKKOLA, Tommi  
CLAYTON, Michael  
MCC:  
#30: 8.0.0 TSG#6->3g  
NOKIA Corporation

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-30 1999-11-11 8 . 0 . 0 withdrawn

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S1 / - rapporteur: CARPENTER, Paul  
G: yes U: Research In Motion Limited

MCC: CLAYTON, Michael

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 8 . 0 . 0 [get it](#)  
smg-29 1999-06-26 8 . 1 . 0 withdrawn (becomes 22.004) [get it](#)

## TS 02.07 Mobile Station (MS) Features

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / 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 [get it](#)  
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.

## TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

R99  
current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / 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 [get it](#)  
ETSI publication 2001-06-05 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031. [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

S3 / rapporteur: WRIGHT, Tim  
Indicate persons who left Company and wait for new  
One

MCC: POPE, Maurice  
remarks - this SP-16: withdrawn in favour of 22.032 R99.  
release:

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

[get it](#)  
[get it](#)

## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R99  
current version: none  
freeze\_meeting: SP-06

WG (prime /  
G: yes U:

S1 / rapporteur: KOKKOLA, Tommi  
NOKIA Corporation  
MCC: CLAYTON, Michael

remarks - this  
release:

remarks - general:

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 /  
G: yes U:

S1 / SCP rapporteur: CARPENTER, Paul  
Research In Motion Limited  
MCC: CLAYTON, Michael

remarks - this Place holder - no spec.  
release:

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

# 3GPP specification status

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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 02.40 Procedures for Call Progress Indications

current version: none

freeze\_meeting: SP-06

remarks - general:

WG (prime /

G: yes U:

S1 / NP

rapporporteur: DEOL, Amar

MCC: CLAYTON, Michael

R99 -> 22.101

Nortel Networks (USA)

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

current version: none

freeze\_meeting: SP-06

remarks - general:

WG (prime /

G: yes U:

S1 /

rapporporteur: 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](#)

## TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

current version: none

freeze\_meeting: SP-06

remarks - general:

WG (prime /

G: yes U:

S1 / -

rapporporteur: CLAYTON, Michael

MCC: CLAYTON, Michael

#29: 8.0.0 (to be deleted, moved to 3GPP)

remarks - this release:

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

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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 02.60 General Packet Radio Service Stage 1 Description

current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rappporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research In Motion 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

[get it](#)  
[get it](#)

## TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rappporteur: 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

[get it](#)

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U:

S1 / -

rappporteur: 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

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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

current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime / S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation  
G: yes U: CLAYTON, Michael  
#28: 8.0.0 (to be deleted, moved to 3GPP)  
remarks - this release: [get it](#)

history (event, available, version, comments, hyperlink):  
smg-28 1999-02-12 8 . 0 . 0

## TS 02.94 Follow Me Service description; Stage 1

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 / S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: CLAYTON, Michael  
#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  
[get it](#)

## 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

current version: none  
freeze\_meeting: SP-06

remarks - general: SMG3->SA2 @ TSG#7

WG (prime / S2 / NP rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: BOSWARTHICK, David  
Never produced; make do with R98 version.  
remarks - this release: [get it](#)

history (event, available, version, comments, hyperlink):  
Upgrade to R99 2000-06-30 8 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 03.31** **Fraud Information Gathering System (FIGS); Service description; Stage 2**  
R99 *WG (prime /*  
*freeze\_meeting:* SP-06

S3 / - *rapporteur:* WRIGHT, Tim  
Indicate persons who left Company and wait for new One

*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.  
G: yes U:

MCC: POPE, Maurice  
SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.  
*remarks - this release:*

*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

S3 / - *rapporteur:* WRIGHT, Tim  
Indicate persons who left Company and wait for new One

*remarks - general:*

G: yes U:  
MCC: POPE, Maurice  
SP-16: withdrawn in favouf of 23.035 R99.  
*remarks - this release:*

*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**

R99 **Support of Videotex**  
*current version:* none  
*freeze\_meeting:* SP-06

T2 / - *rapporteur:* RODERMUND, Friedhelm  
Rodafone D2 GmbH

*remarks - general:*

G: yes U:  
MCC: RODERMUND, Friedhelm  
Frozen at v7  
*remarks - this release:*

*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

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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)

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## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
current version: none  
freeze\_meeting: SP-06

G: yes U: remarks - this release:

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)

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
current version: none  
freeze\_meeting: SP-06

G: yes U: 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)

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH  
current version: none  
freeze\_meeting: SP-06

G: yes U: remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
Upgrade to 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



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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)

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## TS 03-56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R99  
current\_version: none  
freeze\_meeting: SP-06

WG (prime / S2 / -  
G: yes U: ROBERTS, Martin Nortel  
BOSWARTHICK, David

remarks - general:  
never produced; make do with R98 version.  
remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-05-01 8 . 0 . 0

[get it](#)

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## TS 03-63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R99  
current\_version: none  
freeze\_meeting: SP-06

N1 / - 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.  
remarks - this release:

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  
current\_version: none  
freeze\_meeting: SP-06

N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
MCC: KYMALAINEN, Kimmo

remarks - general:  
#28: 8.0.0 (to be deleted, moved to 3GPP)  
remarks - this release:

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

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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

WG (prime / N3 / )  
-rporteur: KLEHN, Norbert  
SIEMENS AG

freeze\_meeting: SP-06

remarks - general:

G: yes U:

MCC:

HAN, Seung Don

remarks - this #29: 8.0.0 (to be deleted, moved to 3GPP) release:

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:

G: yes U:

MCC:

JURISIC, Andrijana

JACOBSOHN, Dieter

T-MOBILE DEUTSCHLAND

remarks - this TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99. release:

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:

TF139 proposes to abandon; not needed. USSD does all.

WG (prime /

MCC:

SWETINA, Joerg

SIEMENS AG

remarks - this scrapped whilst still on starting block release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
*freeze\_meeting:* SP-06  
*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time.  
*WG (prime / G: yes U:*  
G1 / G2 *rporteur:* KANGAS, Antti NOKIA Corporation  
USAI, Paolino  
*MCC:* 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:*

*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  
*freeze\_meeting:* SP-06  
*remarks - general:*  
*WG (prime / G: yes U:*  
N3 / - *rporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
HAN, Seung Don  
*MCC:* #29: 8.0.0 (to be deleted, moved to 3GPP)  
*remarks - this release:*

*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

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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) / N3 / -  
current version: none  
freeze\_meeting: SP-06  
G: yes U:  
remarks - general: *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
HAN, Seung Don  
*MCC:* #29: 8.0.0 (to be deleted, moved to 3GPP)  
*remarks - this release:*

*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) / N3 / -  
current version: none  
freeze\_meeting: SP-06  
G: yes U:  
remarks - general: *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
HAN, Seung Don  
*MCC:* #29: 8.0.0 (to be deleted, moved to 3GPP)  
*remarks - this release:*

*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  
G: yes U:  
remarks - general: *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
RODERMUND, Friedhelm  
*MCC:* Frozen at v5  
*remarks - this release:*

*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

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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) / N3 /

BELLING, Thomas SIEMENS AG  
-rporteur:

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 TISP / N4 rporteur: SPORTON, Simon VODAFONE Group Plc

freeze\_meeting: SP-06

remarks - general: EN 302 646

G: yes U:

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 N1 / - rporteur: DAWES, Peter VODAFONE LTD

freeze\_meeting: SP-06

remarks - general:

G: yes U:

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

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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 / N1 / -

freeze\_meeting: none

rappporteur: ANDERSEN, Niels

Peter Skov

JURISIC, Andrijana

MOTOROLA A/S

remarks - general:

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

remarks - general:

WG (prime / S1 / -

G: yes U:

rappporteur: KOKKOLA, Tommi

CLAYTON, Michael

NOKIA Corporation

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

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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)

WG (prime / T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: none

freeze\_meeting: SP-06

G: yes U:

remarks - general: TSG#9.withdrawn cos contains misleading information/references

remarks - this release: No R99 impact.

MCC: RODERMUND, Friedhelm

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

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

WG (prime / S4 / rapporteur: N, A

current version: none

freeze\_meeting: SP-06

G: yes U:

remarks - general: 2002-01-23: Usai indicates "stopped".

remarks - this release: 2002-01-23: Usai indicates "stopped".

Indicate persons who left Company and wait for new One

MCC: USAI, Paolino

rapporteur: N, A

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](#)

## TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

WG (prime / GP / - rapporteur: ISAACS, Ken

current version: none

freeze\_meeting: SP-06

G: yes U:

remarks - general: 2002-01-23: Usai indicates "stopped".

remarks - this release: 2002-01-23: Usai indicates "stopped".

MCC: USAI, Paolino

rapporteur: ISAACS, Ken

SIEMENS AG

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".

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 *WG (prime):* G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP / T2 / SCP

*remarks - general:* 2001-11-19: G4->G5.  
G: yes U: CLAYTON, Michael  
MCC: proposed, but nya; flagged as withdrawn at SMG#32 to make life easier  
*remarks - this release:*

*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 *WG (prime):* G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP / T2 / SCP

*remarks - general:* 2001-11-19: G4->G5.  
G: yes U: CLAYTON, Michael  
MCC: skipped straight to R00.  
*remarks - this release:*

*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



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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 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface

R99  
*current version:* none  
*freeze\_meeting:* SP-06  
*remarks - general:*  
WG (prime / T3 / -  
G: yes U: )  
*rapporteur:* LINDHOLM, Rune NOKIA Corporation  
RODERMUND, Friedhelm  
*MCC:* Sanders Oct 2000.: Effectively replaced by 31.101.  
*remarks - this release:*

*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  
*freeze\_meeting:* SP-06  
*remarks - general:*

WG (prime / SP / -  
G: U: yes )  
*rapporteur:* VACANT,  
POPE, Maurice  
*MCC:* 3.0.0 dates from June 99  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

### TS 21.100 3G specification handling procedures

R99  
*current version:* none  
*freeze\_meeting:* SP-06  
*remarks - general:* Knobbled prior to SA#8.

WG (prime / - / -  
G: U: yes )  
*rapporteur:* MEREDITH, John M ETSI Secretariat  
N, A  
*MCC:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-08 2000-06-28 1 . 0 . 0

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS

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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 21.906 reserved**  
R99 current version: none  
freeze\_meeting: SP-06  
remarks - general:

WG (prime / - / rapporteur: CLAYTON, Michael EMCOM Ltd  
G: U: yes N, A  
MCC: .  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
First complete 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 Support of Localized Service Area (SoLSA); Service description; Stage 1**  
R99 current version: none  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4

WG (prime / - / rapporteur: KOKKOLA, Tommi NOKIA Corporation  
G: yes U: yes CLAYTON, Michael  
MCC: Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.  
S1 / - remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-05 1999-10-13 3 . 0 . 1 [get it](#)  
SP-08 2000-06-28 3 . 1 . 0 [get it](#)

---

**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 / - / rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
G: yes U: yes USAI, Paolino  
MCC: 2001-01-22: Scrapped. 02.53 is retained.  
S4 / - remarks - this  
release:

history (event, available, version, comments, hyperlink):  
SP-06 3 . 0 . 0

---

G = required in systems with GERAN access; U = required in systems with UMTS



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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 22.925 Quality of Service (QoS) and network performance

R99  
current version: none  
freeze\_meeting: SP-03

remarks - general:

WG (prime / U: yes) / - / - rapporteur: ERIKSSON, Olle  
G: U: yes MCC: N, A  
Telefon AB LM Ericsson  
remarks - this release:

history (event, available, version, comments, hyperlink):

First complete 1997-06-13 1 . 1 . 0  
WG approval 1997-12-19 2 . 0 . 0  
sing-25 1998-03-20 3 . 0 . 0  
SP-03 1999-04-23 3 . 1 . 1

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 22.960 Mobile multimedia services

R99  
current version: none  
freeze\_meeting: SP-03

remarks - general:

WG (prime / U: yes) / - / - 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 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 / U: yes) / - / - rapporteur: OGUNBEKUN, Jumoke  
G: U: yes MCC: N, A  
FUJITSU Laboratories of Europe Limited  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 1

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 22.972** **Circuit-switched multimedia**  
R99  
current\_version: none  
freeze\_meeting: SP-06  
remarks - general: Title grows "cct sw".

WG (prime / - / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: U: yes MCC: N, A  
remarks - this Withdrawn (Clayton 2000-02-11)  
release:

history (event, available, version, comments, hyperlink):  
First complete 1999-04-23 0 . 0 . 0

[get it](#)

## 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 / - / - rapporteur: DETTNER, Harald SIEMENS AG  
G: U: yes MCC: N, A  
remarks - this TSG#7:3.0.0 - later scrapped  
release:

history (event, available, version, comments, hyperlink):  
SP-03 1999-05-30 3 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 23.022** Functions related to Mobile Station (MS) in idle mode and group receive mode  
R99 WG (prime /

current version: none  
freeze\_meeting: SP-06

remarks - general: Superseded by 23.122

- / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov  
N, A

MCC:

3.1.0 dates from June 99  
remarks - this  
release:

G: yes U: yes

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 0  
SP-04 1999-06-23 3 . 1 . 0

[get it](#)  
[get it](#)

**TS 23.043** Support of Videotex

R99 current version: none  
freeze\_meeting: SP-08

remarks - general:

- / - rapporteur: DETTNER, Harald SIEMENS AG

N, A

MCC:

3.0.0 Apr 99 - later scrapped  
remarks - this  
release:

WG (prime /  
G: U: yes

history (event, available, version, comments, hyperlink):

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

**TS 23.044** Support of Teletex

R99 current version: none  
freeze\_meeting: SP-08

remarks - general:

- / - rapporteur: DETTNER, Harald SIEMENS AG

N, A

MCC:

3.0.0 Apr 99 - later scrapped  
remarks - this  
release:

WG (prime /  
G: U: yes

history (event, available, version, comments, hyperlink):

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 23.069 Voice Broadcast service (VBS); Stage 2

R99  
current version: none  
freeze\_meeting: SP-06  
remarks - general: Reverts to 03.69 R99.

WG (prime /  
G: U: yes

N1 / -  
rapporteur: DETTNER, Harald  
MCC: JURISIC, Andrijana  
3.0.0 Apr 99 - Reverts to 03.69 R99.  
remarks - this  
release:

SIEMENS AG

history (event, available, version, comments, hyperlink):  
NP-03 1999-04-23 3 . 0 . 0

[get it](#)

## 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  
remarks - general: N3 indicates not required for R99, so revert to 03.70 R98.

WG (prime /  
G: yes U: yes

- / -  
rapporteur: KOSYDAR, L  
MCC: N, A  
remarks - this  
release: withdrawn NP-06

Indicate persons who left Company and wait for new  
One

history (event, available, version, comments, hyperlink):  
SP-03 1999-04-23 3 . 0 . 0

[get it](#)

## 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 /  
G: U: yes

- / -  
rapporteur: STEER, David G  
MCC: N, A  
remarks - this  
release:

NORTEL NETWORKS (EUROPE)

history (event, available, version, comments, hyperlink):  
SP-04 1999-05-30 3 . 0 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 23.073 Support of Localised Service Area (SoLSA); Stage 2

R99  
current\_version: none  
freeze\_meeting: SP-05  
remarks - general: Transfer>TSG#4, 2001-10-09 Rapporteur changed from Ch Homann.

N4 / - rapporteur: KYMALAINEN, Kimmo TeliSonera.AB

MCC: KYMALAINEN, Kimmo

remarks - this release: SP-16: reverts to 03.73 since applies to GERAN systems only.

WG (prime / G: yes U: yes

history (event, available, version, comments, hyperlink):

NP-05 1999-10-13 3 . 0 . 0 [get it](#)  
edito 2000-06-06 3 . 0 . 1 SP-16: reverts to 03.73 since applies to GERAN systems only. [get it](#)

## TS 23.920 Evolution of the GSM platform towards UMTS

R99  
current\_version: none  
freeze\_meeting: SP-08

WG (prime / G: yes U: yes

- / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK  
MCC: N, A

remarks - this release: Stopped TSG#6

remarks - general:

history (event, available, version, comments, hyperlink):

Table of Contents 1997-10-17 0 . 0 . 3 [get it](#)  
and Scope  
Transfer to SP SA 1999-03-04 0 . 6 . 1 [get it](#)  
SP-03 1999-04-23 1 . 0 . 0 [get it](#)  
WG approval 1999-04-01 1 . 0 . 0 [get it](#)  
First complete 1999-04-01 1 . 0 . 0 [get it](#)  
SP-04 1999-06-23 3 . 0 . 0 [get it](#)  
SP-05 1999-10-13 3 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## 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 /  
G: yes U: yes

S2 / -

rapporteur: DANIEL, Elizabeth  
MCC: BOSWARTHICK, David

Lucent Technologies Network Systems UK

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

[get it](#)

---

## 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 /  
G: yes U: yes

S2 / -

rapporteur: ROUZ, Adel  
MCC: BOSWARTHICK, David

FUJITSU Laboratories of Europe Limited

remarks - this release: SP-20: stopped

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)

[get it](#)

[get it](#)

---

## TR 23.927 VHE, Open Service Architecture (OSA)

R99 current version: none

freeze\_meeting: SP-06

remarks - general: Replaced by 23.127

WG (prime /  
G: yes U: yes

- / -

rapporteur: CLAYTON, Michael  
MCC: N, A

EMCOM Ltd

remarks - this release: Withdrawn (Clayton 2000-02-11).

history (event, available, version, comments, hyperlink):

First complete 1999-04-23 0 . 0 . 0

SP-03 1999-04-23 0 . 1 . 0 withdrawn

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TR 23.960 Framework of network functions to support multimedia services

current version: none  
freeze\_meeting: SP-06

remarks - general:

WG (prime /  
G: yes U: yes

rapporteur: GABE, Axel  
MCC: N, A  
SIEMENS AG

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 0 . 1 . 0

[get it](#)

## 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-CB) Support on the Mobile Radio Interface

current version: none  
freeze\_meeting: SP-05

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.

WG (prime /  
G: yes U: yes

rappporteur: AL -BAKRI, Ban  
THOMASEN, Gert  
MCC: Replaced by 04.12 R99.

remarks - this  
release:

MOTOROLA S.A.S

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 (SNDCP)

current version: none  
freeze\_meeting: SP-12

remarks - general: Scrapped: is GSM only

WG (prime /  
G: U: yes

rappporteur: BOSWARTHICK, David  
JURISIC, Andrijana  
MCC: ETSI Secretariat

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  
NP-04 1999-05-27 3 . 1 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 24.068 Group Call Control (GCC) Protocol

R99  
current version: none  
freeze\_meeting: SP-06  
remarks - general: GSM only for R99.

WG (prime /  
G: U: yes

N1 / - 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 24.069 Broadcast Call Control (BCC) protocol

R99  
current version: none  
freeze\_meeting: SP-06  
remarks - general: GSM only for R99.

WG (prime /  
G: U: yes

N1 / - 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 /  
G: 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)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 25.923 Stage 2 Functional Specification of Location Services in UTRAN

R99  
*current version:* none  
*freeze\_meeting:* SP-06  
*remarks - general:* superseded by 25.305

WG (prime) / - / -  
G: U: yes  
*rapporteur:* 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

[get it](#)  
[get it](#)  
[get it](#)

## TR 25.926 UE Radio Access capabilities definition

R99  
*current version:* none  
*freeze\_meeting:* SP-07  
*remarks - general:* ->25.306 Nov 00.

WG (prime) / R2 / -  
G: U: yes  
*rapporteur:* LUNDSJ<sup>+</sup>, 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  
R2-08 1999-11-30 0 . 1 . 0  
R2-09 1999-12-17 1 . 0 . 0  
RP-07 2000-03-15 3 . 0 . 0  
RP-08 2000-06-23 3 . 1 . 0  
RP-08 2000-10-06 3 . 2 . 0  
RP-10 2000-12-15 3 . 3 . 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

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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 25.990 Vocabulary for UTRAN

R99 current version: none

freeze\_meeting: SP-05

remarks - general: ->21.905

WG (prime /  
G: U: yes

R4 / -

rappporteur: OKRAH, Peter Motorola Inc.

MCC: GUTIERREZ MIGUELEZ, Cesar

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

RP-04 1999-06-23 0 . 1 . 4

RP-05 1999-10-13 3 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

## 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:

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 /  
G: U: yes

R2 /

rappporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

MCC: ARZELIER, Claude

remarks - this  
release: No technical contents, merely a pointer to the latest Release version.

history (event, available, version, comments, hyperlink):

R99

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

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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 26.075 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 WG (prime) / S4 / -  
G: yes U: yes

reporteur: EKUDDEN, Erik  
MCC: N, A  
Telefon AB LM Ericsson

freeze\_meeting: SP-07  
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	.	0
SP-06	1999-12-17	1	.	0	.	0	.	0
SP-05	1999-10-13	1	.	0	.	0	.	0
SP-04	1999-06-23	1	.	0	.	0	.	0
Editorial	2000-06-23	1	.	2	.	0	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 26.112 Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements

R99 WG (prime) / S4 / -  
G: U: yes

reporteur: HONKO, Harri  
MCC: USAI, Paolino  
NOKIA Corporation

remarks - general:

remarks - this release:  
Contents ultimately transferred to 24.008.

history (event, available, version, comments, hyperlink):

SP-03	1999-04-26	1	.	0	.	0	.	0
SP-04	1999-06-23	1	.	1	.	0	.	0

[get it](#)  
[get it](#)

## TS 26.115 Echo control for speech and multi-media services

R99 WG (prime) / S4 / -  
G: U: yes

reporteur: USAI, Paolino  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

freeze\_meeting: SP-07  
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 WG/TB	2000-02-02	0	.	0	.	0	.	1
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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 26.121 Technical Specification for Tandem Free Operation within 3G networks

WG (prime) /  
G: U: yes

- / - rapporteur: OHANA, Alain  
MCC: N, A

Cingular Wireless LLC

current version: none

freeze\_meeting: SP-08  
remarks - this  
release:

remarks - general:

history (event, available, version, comments, [hyperlink](#)):

---

## TS 26.122 Technical Specification for Tandem Free Operation between 3G and 2G networks

WG (prime) /  
G: U: yes

- / - rapporteur: OHANA, Alain  
MCC: N, A

Cingular Wireless LLC

current version: none

freeze\_meeting: SP-07  
remarks - this  
release:

remarks - general:

history (event, available, version, comments, [hyperlink](#)):

---

## TS 26.133 Wide band speech telephony terminal acoustic characteristics

WG (prime) /  
G: U: yes

S4 / rapporteur: BARRETT, Paul  
MCC: USAI, Paolino

Indicate persons who left Company and wait for new  
One

current version: none

freeze\_meeting: SP-06  
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

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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 26.134 Wide band speech telephony terminal acoustic test specification

R99  
WG (prime) / S4 / rapporteur: BARRETT, Paul  
current version: none  
freeze\_meeting: SP-06  
G: U: yes  
MCC: USAI, Paolino  
Indicate persons who left Company and wait for new One

remarks - general: Stopped: Included in 26.131 & '132.

history (event, available, version, comments, hyperlink):

---

## TS 26.135 Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony

R99  
WG (prime) / S4 / rapporteur: USAI, Paolino  
current version: none  
freeze\_meeting: SP-06  
G: yes U: yes  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

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  
WG (prime) / S4 / rapporteur: USAI, Paolino  
current version: none  
freeze\_meeting: SP-06  
G: U: yes  
MCC: USAI, Paolino  
TELECOM ITALIA S.p.A.

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

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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 26.137** Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony  
R99 WG (prime) / S4 / rapporteur: USAI, Paolino  
G: U: yes 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):*

---

**TS 26.138** Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony  
R99 WG (prime) / S4 / rapporteur: USAI, Paolino  
G: U: yes 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) / S4 / - rapporteur: HONKO, Harri  
G: U: yes 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.  
remarks - this release:

*history (event, available, version, comments, hyperlink):*  
SP-03 1999-04-23 0 . 0 . 0  
SP-04 1999-06-23 0 . 0 . 1

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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)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

R99 WG (prime) / S4 / - rapporteur: SUERBAUM, Clemens SIEMENS AG  
G: yes U: yes MCC: USAI, Paolino

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](#)

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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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### TS 29.004 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R99 current version: none WG (prime) / N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
freeze\_meeting: SP-08 G: U: yes MCC: HAN, Seung Don

remarks - general: N3 indicates not required for R99, so revert to 09.04 R98.

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 WG (prime) / N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
freeze\_meeting: SP-08 G: U: yes MCC: HAN, Seung Don

remarks - general: N3 indicates not required for R99, so revert to 09.05 R98.

remarks - this  
release:

history (event, available, version, comments, hyperlink):

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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) / N3 / -  
rapporteur: BRAUN, Achim  
MCC: HAN, Seung Don  
G: yes U: yes  
remarks - general: N3 indicates not required for R99, so revert to 09.06 R98.  
Indicate persons who left Company and wait for new One  
remarks - this  
release: withdrawn NP-06

*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:*  
G: yes U: yes  
RP / -  
rapporteur: COURAU, FranAois ALCATEL S.A.  
MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - general: RP-19: stopped.  
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

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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 / U: yes

G: U: yes

R3 / -

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 acces; U = required in systems with UMTS

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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 / T3 / rapporteur: KALINER, Stefan T-Mobile International AG  
G: U: yes RODERMUND, Friedhelm  
MCC: TP-16: withdrawn; only Rel-5 remains valid.  
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, but in fact was not! (JMM after Sanders 2001-05-16)	<a href="#">get it</a>
TP-12		2 . 0 . 0	TP-010113	
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.	<a href="#">get it</a>

## 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: Existence deduced from STF139 programme. But denied by Sj\* blom.

WG (prime / - / - rapporteur: SJ÷ BLOM; Kai NOKIA Corporation  
G: U: yes N, A  
MCC: Not to be produced.  
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

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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 Ericsson Incorporated  
freeze\_meeting: SP-07  
remarks - general: TSG#8: split into eight parts

WG (prime / S5 / - rapporteur: TSE, Edwin  
G: U: yes MCC: ZOICAS, Adrian  
remarks - this SP-08: multipart split from parent 3.0.1  
release:

## history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 1 . 0 . 0 [get it](#)  
SP-06 1999-12-17 1 . 1 . 0 [get it](#)  
SP-07 2 . 0 . 0  
SP-07 2000-03-17 3 . 0 . 0 [get it](#)  
Editorial 2000-03-17 3 . 0 . 1 withdrawn SP-08 [get it](#)

**TS 32.111** 3G Fault Management  
R99 current version: none SIEMENS Mobile Communications S.p.A.  
freeze\_meeting: SP-08  
remarks - general: TSG#8: split into 4 parts

WG (prime / S5 / - rapporteur: CICCHITTO, Gaetano  
G: U: yes MCC: ZOICAS, Adrian  
remarks - this TSG#8: multipart split from parent 3.0.1  
release:

## history (event, available, version, comments, hyperlink):

SP-05 1999-10-13 1 . 0 . 0 [get it](#)  
SP-06 1999-12-17 1 . 1 . 0 [get it](#)  
SP-07 2000-03-17 3 . 0 . 0 [get it](#)  
Editorial 2000-03-17 3 . 0 . 1 [get it](#)  
SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)  
parts  
Formatting 2000-07-18 3 . 2 . 0

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



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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)

**TR 33.900** **Guide to 3G security**  
R99 *current version:* none  
*freeze\_meeting:* SP-06  
*remarks - general:*

WG (prime /	S3 / -	<i>rappporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry
G:	U: yes	<i>MCC:</i> POPE, Maurice	
		<i>remarks - this release:</i> New at TSG#6	

*history (event, available, version, comments, hyperlink):*  
SP-08 2000-06-23 1 . 2 . 0

[get it](#)

**TR 33.900** **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**  
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.  
TSG#13: 2001-09-23 withdrawn.

WG (prime /	S3 / -	<i>rappporteur:</i> WALKER, Michael	VODAFONE Group Plc
G:	U: yes	<i>MCC:</i> POPE, Maurice	
		<i>remarks - this release:</i> TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.	

*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

[get it](#)

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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

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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)

**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\*;**  
R99 *current version: Document 1: General* / WG (prime) / S3 / POPE, Maurice  
Group Plc *freeze\_meeting: SP-10* / U: yes  
*remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.* / MCC: 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 [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\*;**  
R99 *current version: Document 2: Algorithm specification* / WG (prime) / S3 / WALKER, Michael VODAFONE  
Group Plc *freeze\_meeting: SP-10* / U: yes  
*remarks - general: ex SAGE* / MCC: 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 [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\*;**  
R99 *current version: Document 3: Implementors' test data* / WG (prime) / S3 / WALKER, Michael VODAFONE  
Group Plc *freeze\_meeting: SP-10* / U: yes  
*remarks - general: ex SAGE* / MCC: 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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WITHDRAWN specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/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\*;**  
R99 *current version: Document 4: Design conformance test data* none  
Group Plc

*freeze\_meeting:* SP-10  
*remarks - general:* ex SAGE

*WG (prime / S3 /* POPE, Maurice  
*MCC:* TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4  
*remarks - this release:*

*G:* U: yes

*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: An example algorithm set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;**  
R99 *current version: Document 5: Summary and results of design and evaluation* none/WG (prime / S3  
VODAFONE Group Plc

*freeze\_meeting:* SP-11  
*remarks - general:* ex SAGE

*WG (prime / S3 /-* POPE, Maurice  
*MCC:* TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4  
*remarks - this release:*

*G:* U: yes

*history (event, available, version, comments, hyperlink):*  
SP-11 3 . 0 . 0

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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)

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TR 00.01U Work programme for the standardization of Universal Mobile Telecommunications System (UMTS)

WG (prime) / SMG5 /

G: U: yes

rappporteur: RAPELI, Juha

MCC:

PHILIPS CONSUMER COMMUNICATION

remarks - general:  
freeze\_meeting: none  
current\_version: none  
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

[get it](#)

[get it](#)

[get it](#)

## TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes

WG (prime) / SMG5 /

G: U: yes

rappporteur: RAPELI, Juha

MCC:

PHILIPS CONSUMER COMMUNICATION

remarks - general:  
freeze\_meeting: none  
current\_version: none  
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)

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 01.01U Universal Mobile Telecommunications System (UMTS); Objectives and overview

WG (prime / SP / - rapporteur: N, A  
freeze\_meeting: none  
freeze\_meeting: POPE, Maurice  
G: U: yes  
remarks - this release:  
Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):  
ETSI publication 3 . 0 . 0

---

## TR 01.03U Universal Mobile Telecommunications System (UMTS); System requirements

WG (prime / SMG5 / - rapporteur: RICHARDS, Derek IPWireless Inc.  
freeze\_meeting: none  
freeze\_meeting: MCC:  
G: yes U: ETSI ETR 291, withdrawn.  
remarks - this release:

history (event, available, version, comments, hyperlink):  
ETSI publication 1996-05-15 3 . 1 . 0 withdrawn

[get it](#)

---

## TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)

WG (prime / - / rapporteur: N, A  
freeze\_meeting: none  
freeze\_meeting: MCC: N, A  
G: yes U:  
remarks - this release:  
Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):  
smg-19 1996-09-28 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 01.05U System design methodology for the UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: yes U:

SMG5 / - rapporteur: VACANT,  
MCC:

remarks - this  
release:

history (event, available, version, comments, hyperlink):  
draft 1 . 0 . 0

## 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:

remarks - general:

WG (prime /  
G: yes U:

SMG5 / - 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):  
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)

G = required in systems with GERAN access; U = required in systems with UMTS

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WITHDRAWN specs UMTS 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 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System

WG (prime) / SP / rapporteur: N, A  
Indicate persons who left Company and wait for new One

freeze\_meeting:

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)

---

### TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS

WG (prime) / SP / rapporteur: N, A  
Indicate persons who left Company and wait for new One

freeze\_meeting:

G: U: yes

MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 1997-10-10 2 . 0 . 0

[get it](#)

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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)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 06.01U Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS

current version: none  
freeze\_meeting: none  
WG (prime / SP / rapporteur: N, A  
G: U: yes MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 1996-10-10 3 . 0 . 0 [get it](#)

---

## TR 06.02U Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS

current version: none  
freeze\_meeting: none  
WG (prime / SP / rapporteur: N, A  
G: U: yes MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
draft 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)

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G = required in systems with GERAN access; U = required in systems with UMTS



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WITHDRAWN specs 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:  
WG (prime) / SP / rapporteur: N, A  
G: U: yes  
MCC: POPE, Maurice  
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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## 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  
UMTS  
current version: none  
freeze\_meeting:  
WG (prime) / S5 / rapporteur: N, A  
G: U: yes  
MCC: ZOICAS, Adrian  
Indicate persons who left Company and wait for new One  
remarks - general:  
remarks - this release:

history (event, available, version, comments, hyperlink):  
Waiting - see 1995-10-12 3 . 0 . 0  
"secretariat  
comments"

G = required in systems with GERAN acces; U = required in systems with UMTS

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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)

**TR 12.02U** **Technical characteristics, capabilities and limitations of mobile sate llite systems applicable to the UMTS**  
UMTS  
current version: none  
freeze\_meeting:  
WG (prime) / S5 / rapporteur: N, A  
G: U: yes MCC: ZOICAS, Adrian  
Indicate persons who left Company and wait for new One  
remarks - general:  
remarks - this release:

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)

**TR 21.02U** **High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept**  
UMTS  
current version: none  
freeze\_meeting:  
WG (prime) / GP / - rapporteur: ANDERSEN, Niels  
G: U: MCC: Peter Sikov  
USAI, Paolino  
MOTOROLA A/S  
Indicate persons who left Company and wait for new One  
remarks - general:  
remarks - this release:

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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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 21.04U Requirements for the support of data services in UMTS

UMTS current version: none

freeze\_meeting:

remarks - general:

WG (prime / - / - rapporteur: HOLLEY, Kevin mm02 plc

G: U: MCC: N, A

remarks - this #26: 0.0.2 or perhaps as 1.0.0  
release:

history (event, available, version, comments, hyperlink):

draft 2000-01-17 1 . 0 . 0

[get it](#)

## TR 21.06U O&M requirements for the UMTS

UMTS current version: none

freeze\_meeting:

remarks - general:

WG (prime / - / - rapporteur: WEICHELBAUM, Vodafone D2 GmbH

G: U: MCC: Steffen N, A

remarks - this  
release:

history (event, available, version, comments, hyperlink):

First complete 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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UMTS **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

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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 22.00U UMTS Phase 1**  
current version: none  
freeze\_meeting:  
  
remarks - general:  
  
WG (prime) / - / - rapporteur: VERRIER, David  
Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1 . 0 . 0  
draft 1998-11-24 1 . 3 . 0  
[get it](#)

**TS 22.01U Universal Mobile Telecommunications System (UMTS): Service principles**  
current version: none  
freeze\_meeting:  
  
remarks - general:  
  
WG (prime) / - / - rapporteur: DWYER, Paul  
Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-21 3 . 0 . 0  
smg-22 3 . 1 . 0  
smg-24 3 . 2 . 1  
smg-27 1998-10-17 3 . 3 . 0  
[get it](#)

**TS 22.05U Services and service capabilities**  
current version: none  
freeze\_meeting:  
  
remarks - general:  
  
WG (prime) / - / - rapporteur: PUGA PEREIRA,  
Indicate persons who left Company and wait for new One  
G: 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  
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G = required in systems with GERAN access; U = required in systems with UMTS

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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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## TR 22.07U UMTS terminal and smart card concepts

current version: none  
freeze\_meeting:

WG (prime / G: yes U: - / - rapporteur: SMOLANDER, Jouni NOKIA Corporation  
MCC: N, A

remarks - general:

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 / G: U: - / - rapporteur: OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 22.24U Charging and Accounting Mechanism

current version: none  
freeze\_meeting:

WG (prime / G: U: - / - rapporteur: CHAMBERS, David MOTOROLA Ltd  
MCC: N, A

remarks - general:

remarks - this release: #25: 3.0.0

history (event, available, version, comments, hyperlink):

smg-25 1998-05-28 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 22.25U Quality of Service (QoS) and network performance

UMTS

current version: none  
freeze\_meeting:  
remarks - general:

WG (prime /  
G: U:

- / - rapporteur: TIAINEN, Seppo  
MCC: N, A

TeliaSonera.AB

remarks - this  
release: #25: 3.1.0

history (event, available, version, comments, hyperlink):  
smg-25 1998-05-28 3 . 1 . 0

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## TS 22.29U Handover Requirements between UMTS and GSM or other RadioSystems

UMTS

current version: none  
freeze\_meeting:

WG (prime /  
G: U:

- / - rapporteur: COOPER, David  
MCC: N, A

Panasonic Mobile Communication Development of  
Europe Limited (PMCDE)

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

---

## TS 22.30U Service requirements on security

UMTS

current version: none  
freeze\_meeting:

WG (prime /  
G: U:

- / rapporteur: N, A  
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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G = required in systems with GERAN access; U = required in systems with UMTS

# 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 22.35U Service requirements on numbering, addressing and identities

UMTS  
current version: none  
freeze\_meeting:

WG (prime / - / 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 22.40U Charging, billing and accounting principles

UMTS  
current version: none  
freeze\_meeting:

WG (prime / - / 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](#)):

---

## TS 22.45U Human Factors, service principles and their application to UMTS

UMTS  
current version: none  
freeze\_meeting:

WG (prime / - / 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](#)):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 22.50U UMTS Subscriber and service profile requirements

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):

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## TS 22.55U UMTS user identity modules

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):

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## TS 22.60U UMTS Mobile multimedia services including mobile Intranet and Internet services

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / - / rapporteur: AHNBERG, Tomas  
G: U: MCC: N, A  
remarks - this release: #25: 3.0.0

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):  
smg-25 1998-05-28 3 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS



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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 22.70U Virtual Home Environment

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: U:

- / -

rappporteur: OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited

MCC: N, A

#25: 3.0.0

remarks - this  
release:

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

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## TS 22.71U Service aspects; Automatic Establishment of Roaming Relationships

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: U:

- / -

rappporteur: N, A

MCC:

#25: 3.0.0 #27: 3.0.1

remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-25 3 . 0 . 0

smg-27 1998-10-17 3 . 0 . 1

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## TS 22.72U Real Time Multimedia in UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: U:

- / -

rappporteur: FISCHER, Ralf ROBERT BOSCH GmbH

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

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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 22.75U Service aspects; Advanced addressing

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: U:

Vodafone D2 GmbH

rapporporteur: KLEIER, Stephan

MCC: N, A

#25: 2.0.0 #27: 3.0.0

remarks - this  
release:

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 /

G: U:

NOKIA TELECOMMUNICATIONS FINLAND

rapporporteur: AXERUD, Bo

MCC: N, A

#24: 2.0.1

remarks - this  
release:

history (event, available, version, comments, hyperlink):

First complete 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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UMTS **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

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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 23.01U UMTS Network principles

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

- / - rapporteur: OLSSON, Magnus  
MCC: N, A

Telefon AB LM Ericsson

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 23.05U UMTS Network principles

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

- / - rapporteur:  
MCC: N, A

remarks - this  
release:

history (event, available, version, comments, hyperlink):

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## TS 23.10U UMTS Access Stratum, Services and Functions

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

- / - rapporteur: LOPEZ-TORRES,  
MCC: N, A

Indicate persons who left Company and wait for new  
One

remarks - this  
release: #27: for info

history (event, available, version, comments, hyperlink):

smg-27 1999-02-24 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 23.200 Evolution of the GSM platform towards UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

S2 / -

rappporteur: JARVIS, Andre  
MCC: BOSWARTHICK, David

Hutchison 3G UK Ltd (3)

remarks - this  
release: #27: for info

history (event, available, version, comments, hyperlink):

smg-27 1 . 0 . 0

## TS 23.400 UMTS Network Aspects; Relationship with UPT

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

- /

rappporteur: N, A  
MCC: N, A

Indicate persons who left Company and wait for new  
One

remarks - this  
release:

history (event, available, version, comments, hyperlink):

## TS 23.500 UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment

current version: none

freeze\_meeting:

remarks - general:

WG (prime /  
G: U:

- /

rappporteur: N, A  
MCC: N, A

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

# 3GPP specification status

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3 December 2004 16:57:20

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 23.60U UMTS Network Aspects; UMTS data organization

current version: none  
freeze\_meeting:

WG (prime / - / 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](#)):

---

## TS 23.70U UMTS Network Aspects; UMTS operations and procedures

current version: none  
freeze\_meeting:

WG (prime / - / 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](#)):

---

## TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS

current version: none  
freeze\_meeting:

WG (prime / - / 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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G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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3 December 2004 16:57:20

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)

## TS 23.90U UMTS Network Aspects; Network performance requirements

current version: none  
freeze\_meeting:

WG (prime /

rporteur: N, A

Indicate persons who left Company and wait for new  
One

G: U:

MCC: N, A

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

## TS 23.95U UMTS Network Aspects; Network functions relevant to satellites

current version: none  
freeze\_meeting:

WG (prime /

rporteur: N, A

Indicate persons who left Company and wait for new  
One

G: U:

MCC: N, A

remarks - general:

remarks - this  
release:

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0

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UMTS **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 acces; U = required in systems with UMTS

# 3GPP specification status

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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)

**TS 24.05U UMTS** **Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**  
current version: none / rapporteur: N, A  
freeze\_meeting: / 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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## 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** **Radio Aspects; Multiplexing and multiple access**  
current version: none / rapporteur: N, A  
freeze\_meeting: / MCC: N, A  
remarks - general: 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

# 3GPP specification status

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Server location: WITHDRAWN specs UMTS 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.10U UMTS Radio Aspects; Channel coding

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):

## TS 25.15U UMTS Radio Aspects; Modulation

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / - / rapporteur: N, A  
G: U: MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):

## TS 25.20U UMTS Radio Aspects; Transmission and reception

current version: none  
freeze\_meeting:

remarks - general:

WG (prime / - / rapporteur: N, A  
G: U: yes MCC: N, A  
remarks - this release:

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS



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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

WG (prime / - / rapporteur: N, A / - / rapporteur: N, A  
current version: none  
freeze\_meeting: U: 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):

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

WG (prime / S5 / - rapporteur: GABE, Axel / - rapporteur: GABE, Axel  
current version: none  
freeze\_meeting: U: G: U: MCC: ZOICAS, Adrian  
SIEMENS AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete 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

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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) / - / - 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	1998-07-07	3	5	0
smg-27		3	6	1

[get it](#)

## TR 30.01U UMTS Baseline document: Collection of the SMGis positions on the UMTS

current version: none

freeze\_meeting:

remarks - general:

WG (prime) / - / - 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	1998-07-07	3	3	0
smg-26		3	4	0
post smg-27	2002-08-08	3	5	1

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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 30.02U Experience from GSM standardisation to be applied at UMTS standardisation

WG (prime /

G: U:

- / -

rappporteur:

MCC: N, A

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

## TR 30.04U Definition of the limited number of UTRA concepts

WG (prime /

G: U:

GP / -

rappporteur:

ANDERSEN, Niels  
Peter Skov  
USAI, Paolino

MOTOROLA A/S

MCC:

#22: 3.0.0

remarks - this  
release:

remarks - general:

history (event, available, version, comments, hyperlink):

First complete 1997-06-01 1 . 0 . 0  
smg-22 1997-06-14 3 . 0 . 0  
ETSI publication 1998-11-03 3 . 0 . 1

[get it](#)  
[get it](#)  
[get it](#)

## TR 30.05U UMTS terminology

WG (prime /

G: U:

- / -

rappporteur:

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

# 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 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

WG (prime / - / -) : RAPELI, Juha  
G: U: / - / -  
MCC: N, A  
PHILIPS CONSUMER COMMUNICATION  
remarks - this release: #24: 3.1.0

history (event, available, version, comments, hyperlink):  
SMG approval by 2 . 0 . 0 1997-06  
correspondence  
SMG approval by 3 . 0 . 0 1997-09  
correspondence  
smg-24 1997-12-19 3 . 1 . 0

[get it](#)

## UMTS 31 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

### TS 31.50U Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz

WG (prime / - / -) :  
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):  
draft 0 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

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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** Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz  
UMTS  
current version: none  
freeze\_meeting:  
WG (prime) / rapporteur: N, A  
Indicate persons who left Company and wait for new One  
G: U: yes  
MCC:  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):  
0 . 0 . 0  
draft

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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)

**TR 32.01U** Overall principles of the OAM for the UMTS

UMTS  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime) / rapporteur: SZELAZEK, Bill  
G: U: yes  
SMG / - MCC: SULTAN, Alain  
Hutchison 3G UK Ltd (3)  
remarks - this release: No progress since SMG#22.

history (event, available, version, comments, hyperlink):  
smg-22  
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

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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 / - / - rapporteur: N, A  
G: U: MCC: #19: 3.0.0  
remarks - this release:

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 / - / - rapporteur: N, A  
G: U: MCC: #27: for info  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft 1998-07-16 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-28 3 . 0 . 0  
smg-27 1999-02-21 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

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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 / SP / rapporteur: N, A  
current version: none  
freeze\_meeting: U: yes  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):  
0 . 0 . . 0  
draft

## 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 / SP / rapporteur: N, A  
current version: none  
freeze\_meeting: U: yes  
MCC: POPE, Maurice  
Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):  
0 . 0 . . 0  
draft

## 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

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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 /  
G: yes U:

SP / -

rappporteur: BERGMANN, Ansgar  
MCC: 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 /  
G: yes U:

S1 / SCP

rappporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research In Motion 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



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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 / T2 / - / rapporteur: HARRIS, Ian  
G: yes U: RODERMUND, Friedhelm  
*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

[get it](#)

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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 / - / rapporteur: VAN DER AREND, Koninklijke KPN N.V.  
G: yes U: N, A  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime) / - / - rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)

current version: none

G: yes U:

MCC:

remarks - this #25: 1.0.0 for info #27: 1.6.0 for info

release:

remarks - general: replaced by 08.62

history (event, available, version, comments, hyperlink):

draft	1997-03-14	0	.	0	.	0	.	0	<a href="#">get it</a>
draft	1998-02-16	1	.	0	.	0	.	0	<a href="#">get it</a>
draft	1998-03-27	1	.	1	.	0	.	0	<a href="#">get it</a>
draft	1998-07-13	1	.	2	.	1	.	1	<a href="#">get it</a>
draft	1998-07-31	1	.	3	.	0	.	0	<a href="#">get it</a>
draft	1998-09-17	1	.	3	.	5	.	5	<a href="#">get it</a>
draft	1998-09-18	1	.	4	.	0	.	0	<a href="#">get it</a>
draft	1998-09-28	1	.	5	.	0	.	0	<a href="#">get it</a>
draft	1998-10-05	1	.	6	.	0	.	0	<a href="#">get it</a>

## 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)

WG (prime) / T2 / -

rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH

current version: none

G: yes U:

MCC:

RODERMUND, Friedhelm

remarks - general: TSG#9:withdrawn cos contains misleading information/references

remarks - this 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

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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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 10.71 Project scheduling and open issues: Location services (LCS)

R98 current version: none  
freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:  
S1 / -  
rapporteur: GARAPATY, Sonia  
CLAYTON, Michael  
MCC: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31: 2.1.0. 2001-01-24 Clayton: withdrawn.  
remarks - this  
release:

### history (event, available, version, comments, hyperlink):

Maui	1999-01-17	0	.	0	.	0	.	0		<a href="#">get it</a>
Maui	1999-01-20	0	.	0	.	1				<a href="#">get it</a>
Chicago	1999-01-31	0	.	0	.	2				<a href="#">get it</a>
Chicago	1999-02-04	1	.	0	.	0				<a href="#">get it</a>
Cambridge	1999-06-10	2	.	0	.	0				<a href="#">get it</a>
Dallas	1999-07-09	2	.	0	.	1				<a href="#">get it</a>
San Diego	1999-07-21	2	.	0	.	2				<a href="#">get it</a>
Dallas	1999-09-03	2	.	0	.	3				<a href="#">get it</a>
King of Prussia	1999-09-14	2	.	0	.	4				<a href="#">get it</a>
Phoenix &	1999-10-30	2	.	0	.	5				<a href="#">get it</a>
Clearwater										
Raleigh	1999-11-03	2	.	0	.	6				<a href="#">get it</a>
smg-30	1999-11-11	2	.	0	.	6				<a href="#">get it</a>
Phoenix	1999-11-29	2	.	0	.	7				<a href="#">get it</a>
smg-30b	1999-12-06	2	.	0	.	7				<a href="#">get it</a>
Colorado Spring	2000-01-03	2	.	0	.	8				<a href="#">get it</a>
Dallas	2000-01-05	2	.	0	.	9				<a href="#">get it</a>
smg-31	2001-01-24	2	.	1	.	0				<a href="#">get it</a>
Puerto Vallarta	2000-01-26	3	.	0	.	0				<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	0				<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS

# 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 / G: yes U: S2 / - rapporteur: APRATH, Stefan  
BOSWARTHICK, David  
MCC: July 2002: abandoned  
remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1997-02-08	0	0	0	<a href="#">get it</a>
draft	1997-03-24	0	1	0	<a href="#">get it</a>
draft	1997-03-27	0	1	1	<a href="#">get it</a>
draft	1997-04-09	0	1	2	<a href="#">get it</a>
draft	1997-05-07	0	2	0	<a href="#">get it</a>
smg-22	1997-06-10	1	0	0	<a href="#">get it</a>
draft	1997-06-19	1	1	0	<a href="#">get it</a>
draft	1997-07-09	1	2	0	<a href="#">get it</a>
draft	1997-09-10	1	3	0	<a href="#">get it</a>
smg-23	1997-10-10	1	3	2	<a href="#">get it</a>
draft	1997-10-22	1	4	0	<a href="#">get it</a>
draft	1997-12-02	1	5	0	<a href="#">get it</a>
draft	1998-06-04	1	6	0	<a href="#">get it</a>
smg-25	1998-03-10	1	6	0	abandoned

## TR 10.87 User to User Signalling (UUS)

R98 current version: none  
freeze\_meeting: smg-29

remarks - general:

WG (prime / G: yes U: S2 / GP rapporteur: CONRAD, Alan  
BOSWARTHICK, David  
MCC: No draft ever produced.  
remarks - this release:

T-MOBILE DEUTSCHLAND

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

## TR 10.94 Follow Me supplementary service

current version: none

freeze\_meeting: smg-29

remarks - general:

WG (prime /  
G: yes U:

SP / -

rapporporteur: POSTMANN, Erwin  
MCC: POPE, Maurice

SIEMENS AG

remarks - this  
release: No draft ever produced.

*history (event, available, version, comments, hyperlink):*

## 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 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

current version: none

freeze\_meeting: smg-29

WG (prime /  
G3new/ S1 / rapporporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP

G: yes U:

MCC: CLAYTON, Michael

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 acces; U = required in systems with UMTS

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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)

---

**TS 11.10-3** **Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**  
R98 *current version:* none *WG (prime):* G3new/ S1 / NP / T2 / SCP  
*freeze\_meeting:* smg-29 *rappporteur:* SALMERON, Lidia TELEPLUS LIMITED

*remarks - general:* 2001-11-19: G4->G5. *MCC:* CLAYTON, Michael  
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 *WG (prime):* SP / - *rappporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: POPE, Maurice  
*remarks - general:* *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

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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**  
R97 *WG (prime /*

*current version:* none  
*freeze\_meeting:* smg-26

S3 / - *rappporteur:* 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)

**TS 02.31** **Fraud Information Gathering System (FIGS); Service description; Stage 1**  
R97 *WG (prime /*

*current version:* none  
*freeze\_meeting:* smg-26

S3 / *rappporteur:* 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):*

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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 02.33 Lawful Interception (LI); Stage 1

R97 current version: none

freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G:yes U:

S3 /

rappporteur: MCKIBBEN, Bernie  
MCC: 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 /  
G:yes U:

S1 / SCP

rappporteur: CARPENTER, Paul  
MCC: CLAYTON, Michael

Research In Motion Limited

remarks - this  
release: Place holder - no spec.

history (event, available, version, comments, hyperlink):

R97 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



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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) / N4 / SPA rapporteur: KYMALAINEN, Kimmo TeliSonera.AB  
freeze\_meeting: smg-26 N / T2

remarks - general: G: yes U: MCC: KYMALAINEN, Kimmo  
#27: 6.0.0 (To be withdrawn)  
remarks - this release:

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) / T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
freeze\_meeting: smg-26 G: yes U: MCC: RODERMUND, Friedhelm  
remarks - general: TSG#9.withdrawn cos contains misleading information/references  
#27: 6.0.0TSG#9.withdrawn cos contains misleading information/references  
remarks - this release:

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) / - / - rapporteur: NAPER, Hans Petter MOTOROLA GmbH  
freeze\_meeting: smg-26 G: yes U: 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

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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  
freeze\_meeting: smg-26  
G: yes U:

- / -  
rapporteur: BAUMANN, J, rgen  
MCC: N, A  
T-MOBILE DEUTSCHLAND

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  
freeze\_meeting: smg-26  
G: yes U:

- / -  
rapporteur: LESKE, John  
MCC: N, A  
SCANDEW PTY Ltd

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  
freeze\_meeting: smg-26  
G: yes U:

- / -  
rapporteur: LESKE, John  
MCC: N, A  
SCANDEW PTY Ltd

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

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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 / G: yes U: /  
rapporteur: TWINGLER, Jonas Northstream AB  
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 / G: yes U: /  
rapporteur: LESKE, John SCANDEW PTY Ltd  
MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):  
First complete 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

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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)

## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R97 WG (prime / G: yes U: none)  
freeze\_meeting: smg-26

remarks - general:

N1 / - rapporteur: HOWELL, Andrew  
MCC: JURISIC, Andrijana  
#27: 6.0.0 #32: withdrawn  
remarks - this release:

MOTOROLA Ltd

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

## R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

### TR 10.01 GSM features and releases

R97 current version: none  
freeze\_meeting: smg-26

remarks - general: 2001-11-20: stopped - obviously no interest!

WG (prime / G: yes U: none)

rapporteur: N, A  
MCC: N, A

remarks - this release:

Indicate persons who left Company and wait for new One

history (event, available, version, comments, hyperlink):  
draft 1997-10-23 0 . 0 . 2

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

- / -  
rapporteur: HEATON, Graham Aether Systems Inc.  
MCC: N, A  
remarks - this #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)  
release:

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 /  
G: yes U:

S3 / -  
rapporteur: MCKIBBEN, Bernie MOTOROLA GmbH  
POPE, Maurice  
MCC: SMG#27:6.0.0; replaced by 01.33  
remarks - this  
release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## 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 /  
G: yes U:

S2 / -  
rapporteur: PETERSEN, Johan Apica Technologies  
BOSWARTHICK, David  
MCC:  
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

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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) / G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED*  
*NP / NP /*  
*T2 / T2 /*  
*SCP SCP*  
  
G: yes U: MCC: CLAYTON, Michael  
remarks - general: 2001-11-19: G4->G5. Place holder; no draft ever produced (refer to Phase 2 version).  
release:

*history (event, available, version, comments, hyperlink):*

---

**TS 11.10-3** **Mobile Station (MS) conformance specification; Part 3: Layer3 (L-3) Abstract Test Suite (ATS)**  
R97 *WG (prime) / G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED*  
*NP / NP /*  
*T2 / T2 /*  
*SCP SCP*  
  
G: yes U: MCC: CLAYTON, Michael  
remarks - general: 2001-11-19: G4->G5. Place holder; no draft ever produced (refer to Phase 2 version).  
release:

*history (event, available, version, comments, hyperlink):*

---

**TS 11.21** **Base Station System (BSS) equipment specification; Radio aspects**  
R97 *WG (prime) / G1 / - rapporteur: VACANT, USAI, Paolino*  
*G: yes U: MCC: #27:6.0.0 (Fodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12*  
*freeze\_meeting: smg-26 (Usai): scrapped again.*  
  
remarks - general:

*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

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

- / - rapporteur: MATTISSON, Leif  
MCC: N, A Telefon AB LM Ericsson

remarks - this  
release:

history (event, available, version, comments, hyperlink):

## R97

12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.03 Security Management

R97  
current version: none  
freeze\_meeting: smg-26

remarks - general:

WG (prime /  
G: yes U:

S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
NP MCC: ZOICAS, Adrian

remarks - this  
release: No spec.

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / S5 / S1 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

G: yes U: NP MCC: ZOICAS, Adrian

remarks - this No spec  
release:

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 / SP / - rapporteur: BERGMANN, Ansgar Deutsche Telekom AG

G: yes U: MCC: POPE, Maurice

remarks - this  
release:

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-25 1998-03-20 5 . 2 . 0 SP-15: withdrawn since SMG and PT-  
SMG no longer exist. [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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  
WG (prime /  
freeze\_meeting: smg-22

S3 / - rapporteur: WRIGHT, Tim  
MCC: POPE, Maurice  
#25: withdrawn

Indicate persons who left Company and wait for new One

remarks - general:

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0 withdrawn, smg-25

[get it](#)

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## TR 01.50 Radio Local Loop (RLL) using GSM

R96  
current version: none  
freeze\_meeting: smg-22

SMG1 / rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael

EMCOM Ltd

remarks - general:

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

SMG1 / - rapporteur: VACANT,  
MCC: CLAYTON, Michael

remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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

WG (prime / G: yes U: none)  
freeze\_meeting: smg-22

remarks - general:

S3 / - rapporteur: WALKER, Michael  
MCC: POPE, Maurice  
#25: withdrawn  
remarks - this release: VODAFONE Group Plc

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

WG (prime / G: yes U: none)  
freeze\_meeting: smg-22

remarks - general:

- / - rapporteur: LEROUDIER, Frederic  
MCC: N, A  
Aperto Networks Inc.

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

WG (prime / G: yes U: none)  
freeze\_meeting: smg-22

remarks - general:

- / rapporteur: SCHMIDT, G, nter  
MCC: N, A  
DETEMOBIL GMBH

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

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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 02.25 GSM - DCS roaming: Requirements and Stage 1 descriptions

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

- / rapporteur: LE ROUX, Alain  
MCC: N, A

France Telecom

remarks - this  
release:

history (event, available, version, comments, hyperlink):

---

## 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 /  
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 /  
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



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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 02.33 Lawful Interception (LI); Stage 1

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G: yes U:

S3 / rapporteur: MCKIBBEN, Bernie

MCC: POPE, Maurice

MOTOROLA GmbH

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 /  
G: yes U:

- / rapporteur: COX, Alan

MCC: N, A

VODAFONE Group Plc

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 /  
G: yes U:

- / rapporteur: TOEPFER, Armin

MCC: N, A

Vodafone D2 GmbH

remarks - this  
release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 02.37** ISDN based DECT/GSM Interworking  
R96 current version: none  
freeze\_meeting: smg-22  
remarks - general:  
WG (prime / G: yes U: - / rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
MCC: N, A  
remarks - this release:

history (event, available, version, comments, hyperlink):

---

**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 / G: yes U: S1 / SCP rapporteur: CARPENTER, Paul Research In Motion Limited  
MCC: 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 / G: yes U: S4 / rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)  
MCC: 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

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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

current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G: yes U: S1 / - rapporteur: CARPENTER, Paul  
CLAYTON, Michael  
MCC: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn  
remarks - this release:

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

current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G: yes U: S1 / - rapporteur: ZARRI, Michele  
CLAYTON, Michael  
MCC: #24: 5.0.0 @25: withdrawn  
remarks - this release:

T-Mobile (UK) Ltd

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

current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / G: yes U: S1 / - rapporteur: HECHWARTNER,  
Roland  
CLAYTON, Michael  
MCC: #19: 5.0.0 #25: withdrawn  
remarks - this release:

T-Mobile International AG

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

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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 02.73 Malicious Call Identification (MCID); Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G:yes U:

rapporporteur: SHARP, Iain  
MCC: N, A

NORTEL NETWORKS (EUROPE)

remarks - this  
release:

history (event, available, version, comments, hyperlink):

## TS 02.77 Emergency call TS12 with additional data transfer

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G:yes U:

rapporporteur: 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 /  
G:yes U:

rapporporteur: ACHTER, Johannes  
CLAYTON, Michael

T-Mobile International AG

S1 / -  
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](#)  
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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS



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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

remarks - general:

WG (prime /  
G: yes U:

rapporteur: RENAUD, Nicolas  
MCC: N, A

Indicate persons who left Company and wait for new  
One

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

remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

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

remarks - general:

S1 / - rapporteur: CLAYTON, Michael  
MCC: CLAYTON, Michael  
EMCOM Ltd

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

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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 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:

WG (prime /  
G: yes U:  
S1 / - /  
rapporteur: DEOL, Amar  
CLAYTON, Michael  
MCC: #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-19 1996-06-28 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0  
ETSI publication 1997-09-15 5 . 1 . 1  
smg-23 1997-10-17 5 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

## TS 02.98 New barring services; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:

WG (prime /  
G: yes U:  
- / /  
rapporteur: SCHMIDT, G, nter  
N, A  
MCC: .  
remarks - this  
release:

DETEMOBIL GMBH

history (event, available, version, comments, hyperlink):

## TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage 1

R96  
current version: none  
freeze\_meeting: smg-22  
remarks - general:

WG (prime /  
G: yes U:  
- / /  
rapporteur: CHAPMAN, Neil  
N, A  
MCC: .  
remarks - this  
release:

ORANGE PCS LTD

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
current version: none  
freeze\_meeting: smg-22

N4 / SPA rapporteur: KYMALAINEN, Kimmo TeliSonera AB  
N / T2

G: yes U:

MCC: KYMALAINEN, Kimmo  
#20: 5.0.0 (To be withdrawn)

remarks - general:

remarks - this  
release:

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 (ENC1); Stage 2

R96  
current version: none  
freeze\_meeting: smg-22

/ / rapporteur: APRATH, Stefan Vodafone D2 GmbH  
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  
current version: none  
freeze\_meeting: smg-22

- / rapporteur: TOEPFFER, Armin Vodafone D2 GmbH  
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



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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 03.94 Follow Me Service description; Stage 2

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

- / -

rappporteur: WIEHE, Ulrich

MCC: N, A

Gesellschaft für Kommunikations Software

remarks - this release:

history (event, available, version, comments, hyperlink):

## TS 03.95 Support of Private Numbering Plan (SPNP); Stage 2

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G: yes U:

- /

rappporteur: 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 /

G: yes U:

- /

rappporteur: VAN DER AREND,

MCC: N, A

Koninklijke KPN N.V.

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

rapporteur: VAN DER AREND,  
MCC: N, A  
Koninklijke KPN N.V.

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 /  
G: yes U:

rapporteur: TOEPFER, Armin  
MCC: N, A  
Vodafone D2 GmbH

remarks - this  
release:

history (event, available, version, comments, hyperlink):

### TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
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



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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 04.78 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 3

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

- / rapporteur: VAN DER AREND, Koninklijke KPN N.V.

MCC: N, A

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

---

## TS 04.79 Support of optimal routing; Stage 3

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

- / rapporteur: VAN DER AREND, Koninklijke KPN N.V.

MCC: N, A

remarks - this release:

history (event, available, version, comments, [hyperlink](#)):

---

## TS 04.98 New barring services; Stage 3

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

- / rapporteur: VAN DER AREND, Koninklijke KPN N.V.

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



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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 /

G: yes U:

rappporteur: VAN DER AREND,

N, A

Koninklijke KPN N.V.

- /

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 /

G: yes U:

rappporteur: VOSKAR, Paul

N, A

NOKIA UK Ltd

- /

remarks - this

release:

history (event, available, version, comments, [hyperlink](#)):

G = required in systems with GERAN access; U = required in systems with UMTS

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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 / - / rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov  
N, A

MCC:

remarks - this  
release:

G: yes U:

history (event, available, version, comments, hyperlink):

---

## TS 05.19 Service to GSM handportables in trains

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / - / rapporteur: WILTSHIRE, Timothy  
Robin  
N, A

MCC:

remarks - this  
release:

G: yes U:

Indicate persons who left Company and wait for new  
One

history (event, available, version, comments, hyperlink):

---

## TR 05.20 Fast moving Mobile Station (study)

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / - / rapporteur: REINER, Michal I  
N, A

MCC:

remarks - this  
release:

G: yes U:

Eads Telecom Deutschland GmbH

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 05.30 General packet radio service requirements

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G:yes U:

rappporteur: CONRAD, Alan

N, A

T-MOBILE DEUTSCHLAND

remarks - this  
release:

history (event, available, version, comments, hyperlink):

## R96 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

### TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3

R96 current version: none

freeze\_meeting: smg-22

remarks - general:

WG (prime /

G:yes U:

rappporteur: CANDISH, John

N, A

Xtempus Ltd

remarks - this  
release:

history (event, available, version, comments, hyperlink):

## R96 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

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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** MOTOROLA A/S  
R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

history (event, available, version, comments, hyperlink):  
smg-24 5 . 0 . 0 smg-26: withdrawn

---

**TS 08.16** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service** MOTOROLA A/S  
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

[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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G = required in systems with GERAN access; U = required in systems with UMTS

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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)

**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  
WG (prime / TISP / N4  
freeze\_meeting: smg-22 G:yes U:  
remarks - general: EN 300 646

remarks - this release:

history (event, available, version, comments, hyperlink):

draft (ETSI)TC 1997-11-10 5 . 2 . 1  
SPS) [get it](#)  
draft (ETSI)TC 1999-05-18 5 . 3 . 0  
SPS) [get it](#)  
SPS1 approval 1999-05-21 5 . 3 . 1  
[get it](#)

**TS 09.20** Support of Shared Data Interworking Function

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G:yes U:

rappporteur: LEROUDIER, Frederic Aperto Networks Inc.  
MCC: N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

**TS 09.60** General Packet Radio Service (GPRS); GPRS Tunneling Protocol (GTP) across the Gn and Gp Interface

R96  
current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime /  
G:yes U:

rappporteur: KYMALAINEN, Kimmo TeliSonera AB  
MCC: KYMALAINEN, Kimmo

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](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 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 WG (prime) /  
G: yes U:

freeze\_meeting: smg-22

remarks - general:

S2 / - rapporteur: PETERSEN, Johan Apica Technologies  
MCC: BOSWARTHICK, David  
#25: (5.x.y withdrawn)  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-21 1997-02-14 5 . 0 . 0 [get it](#)  
smg-22 1997-06-13 5 . 1 . 0 [get it](#)  
smg-24 1997-10-08 5 . 2 . 0 [get it](#)  
draft 1997-10-28 5 . 2 . 1 [get it](#)  
draft 1998-12-10 5 . 3 . 0 [get it](#)  
smg-24 1997-12-20 5 . 3 . 1 [get it](#)  
draft 1998-02-05 5 . 3 . 2 [get it](#)  
draft 1998-02-12 5 . 3 . 3 [get it](#)  
draft 1998-02-15 5 . 3 . 4 [get it](#)  
draft 1998-03-15 5 . 3 . 5 [get it](#)  
draft 1998-03-05 5 . 4 . 0 [get it](#)  
smg-25 1998-03-15 5 . 4 . 1 [get it](#)  
draft 1998-04-06 5 . 4 . 2 [get it](#)

## TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96 WG (prime) /  
G: yes U:

freeze\_meeting: smg-22

remarks - general:

S1 / - rapporteur: TARAZI, Roger EDP Telecom  
MCC: CLAYTON, Michael  
remarks - this  
release:

history (event, available, version, comments, hyperlink):

smg-21 5 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS

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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  
remarks - general: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.  
WG (prime / S2 / - rapporteur: VAN DER AREND, Koninklijke KPN N.V.  
G: yes U: BOSWARTHICK, David  
MCC:  
remarks - this release: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

history (event, available, version, comments, hyperlink):  
smg-21 5 . 0 . 0 abandoned

## 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 / G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP / T2 / SCP  
MCC: CLAYTON, Michael  
G: yes U: Place holder; no draft ever produced (refer to Phase 2 version).  
remarks - general: 2001-11-19: G4->G5.  
remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

## TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

R96  
current version: none  
freeze\_meeting: smg-22

T3 / -  
rapporteur: LINDHOLM, Rune NOKIA Corporation  
MCC: RODERMUND, Friedhelm  
#16: 5.0.0 withdrawn  
remarks - this release:

remarks - general:

history (event, available, version, comments, hyperlink):

smg-16? 1996-01-25 5 . 0 . 0 SMG-16: withdrawn

[get it](#)

## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R96  
current version: none  
freeze\_meeting: smg-22

G1 / -  
rapporteur: VACANT,  
MCC: USAI, Paolino

remarks - general:

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

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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



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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

remarks - general:

WG (prime / S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
G: yes U: NP  
MCC: ZOICAS, Adrian  
remarks - this No spec.  
release:

history (event, available, version, comments, hyperlink):

**TS 12.04** **Performance data measurements**  
R96 current version: none  
freeze\_meeting: smg-22

remarks - general:

WG (prime / S5 / S1 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
G: yes U: NP  
MCC: ZOICAS, Adrian  
remarks - this No spec.  
release:

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

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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)

## TR 01.05

Ph2

### Definitions

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

SP / -

rappporteur:

VACANT,  
POPE, Maurice

MCC:

n.a.

remarks - this  
release:

history (event, available, version, comments, [hyperlink](#)):

## TS 01.06

Ph2

### Service implementation phases and possible further phases in the GSM PLMN

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

- / -

rappporteur:

TWINGLER, Jonas

MCC:

N, A

Northstream

AB

remarks - this  
release:

history (event, available, version, comments, [hyperlink](#)):

## TS 01.07

Ph2

### Updating procedure for GSM Recommendations

current version: none

freeze\_meeting:

remarks - general:

WG (prime /

G: yes U:

- / -

rappporteur:

TWINGLER, Jonas

MCC:

N, A

Northstream

AB

remarks - this  
release:

history (event, available, version, comments, [hyperlink](#)):

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

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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 /  
G: yes U:

- / -

rappporteur: TWINGLER, Jonas  
MCC: N, A

Northstream AB

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

[get it](#)

[get it](#)

## 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 (SMSCs) to Short Message Entities (SMEs)

Ph2  
current version: none

freeze\_meeting:

remarks - general: TSG#9:withdrawn cos contains misleading information/references

WG (prime /  
G: yes U:

T2 / -

rappporteur: HARRIS, Ian  
MCC: RODERMUND, Friedhelm

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

[get it](#)

## 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

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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)  
Ph2  
current version: none  
freeze\_meeting:  
remarks - general:  
WG (prime / G: yes U: T2 / - rapporteur: HARRIS, Ian Research In Motion Limited  
MCC: RODERMUND, Friedhelm  
#7: 4.1.0 #13: 4.2.0 #15: withdrawn  
remarks - this release:

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

[get it](#)  
[get it](#)  
[get it](#)

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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  
current version: none  
freeze\_meeting:

remarks - general:

WG (prime / G: yes U: G1 / - rapporteur: VACANT, USAI, Paolino  
MCC:

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

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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)

**TS 09.92** **GSM Phase 1 Mobile Station interworking with Phase 2 Networks**  
Ph2  
WG (prime /  
current version: none G: yes U:  
freeze\_meeting:  
remarks - general:

- /  
rapporteur: TWINGLER, Jonas Northstream AB  
MCC: 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

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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  
freeze\_meeting: smg-11b  
WG (prime) / G3new/ S1 / NP / T2 / SCP  
rapporteur: SALMERON, Lidia TELEPLUS LIMITED

remarks - general: 2001-11-19: G4->G5.  
G: yes U:  
MCC: CLAYTON, Michael  
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>
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

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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

[get it](#)  
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[get it](#)  
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[get it](#)

## TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2  
current version: none  
freeze\_meeting:  
WG (prime / G: yes U: )  
rapporteur: HOWELL, Andrew  
MCC: N, A  
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 / G: yes U: )  
rapporteur: VACANT,  
MCC: USAI, Paolino

remarks - general:  
G1 / -  
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

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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)

## TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2

WG (prime / G: yes U: freeze\_meeting:

- / - rapporteur: N, A  
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

## Ph1

### Ph1 00 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

## TR 00.02 Voice group call service study (UIC project)

Ph1

WG (prime / G: yes U: freeze\_meeting:

- / - rapporteur: N, A  
MCC:

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

### 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



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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:

remarks - general: MoU

WG (prime /

rappporteur: N, A

Indicate persons who left Company and wait for new One

G: yes U:

N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-01 1992-05-06 3 . 0 . 2

[get it](#)

## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph1 current version: none

freeze\_meeting:

remarks - general:

WG (prime /

rappporteur: TWINGLER, Jonas

Northstream AB

G: yes U:

N, A

remarks - this release:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 02.10 Provision of Telecommunication Services

Ph1 current version: none

freeze\_meeting:

remarks - general:

WG (prime /

rappporteur: N, A

Indicate persons who left Company and wait for new One

G: yes U:

N, A

remarks - this release:

history (event, available, version, comments, hyperlink):

G = required in systems with GERAN access; U = required in systems with UMTS

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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)

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**TS 02.12**   **Licensing**  
Ph1   *current version:* none  
*freeze\_meeting:*

*remarks - general:*

WG (prime / - / -   *rappporteur:* N, A  
G: yes U:   *MCC:* N, A  
*remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

---

**TS 02.13**   **Subscription to the Services of a GSM PLMN**  
Ph1   *current version:* none  
*freeze\_meeting:*

*remarks - general:*

WG (prime / - / -   *rappporteur:* N, A  
G: yes U:   *MCC:* N, A  
*remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

---

**TS 02.14**   **Service Directory**  
Ph1   *current version:* none  
*freeze\_meeting:*

*remarks - general:*

WG (prime / - /   *rappporteur:* N, A  
G: yes U:   *MCC:* N, A  
*remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS

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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 /  
G: yes U:

rapporteur: N, A  
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 /  
G: yes U:

rapporteur: N, A  
MCC: BOSWARTHICK, David

Indicate persons who left Company and wait for new  
One

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

[get it](#)  
[get it](#)

Ph1

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



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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  
WG (prime /  
freeze\_meeting: none  
freeze\_meeting:

rapporteur: N, A  
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 11.20 GSM DCS 1800 Base Station Specification

Ph1  
current version: none  
freeze\_meeting:

rapporteur: VACANT, USAI, Paolino  
MCC:

GP / NP  
remarks - this release:

WG (prime /  
G: yes U:

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	2003-09-01			3	.	12	.	0
smg-07	1995-01-01			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	1995-01-01			3	.	19	.	0
smg-13				3	.	20	.	0
smg-20	1996-12-13			3	.	23	.	1

G = required in systems with GERAN access; U = required in systems with UMTS

# 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)

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 / G: yes U: - / - rapporteur: N, A  
MCC: .

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 / G: yes U: S5 / 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 / G: yes U: S5 / rapporteur: TRUSS, Michael  
MCC: ZOICAS, Adrian

remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS

# 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

remarks - general:

G: U: MCC: N, A  
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 / S5 / rapporteur: N, A Indicate persons who left Company and wait for new  
freeze\_meeting: - / One

remarks - general: 2003-11-05: S5 declares this spec number will not be used.

G: U: yes MCC: ZOICAS, Adrian

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

# 3GPP specification status

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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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