

Source: Ian Doig, 3GPP support
Title: TSG CN Work program
Document for: **Information and Discussion**
Agenda Item:

The attached report is a print out of the TSG-CN Work program as recorded in the 3GPP Database. The database is at present based on the ETSI WPM system. It is however, expected to be adapted to better suit 3GPP requirement in the near future.

The Report includes "Work Item description" type work items and "specification" (e.g. TS and TR) type Work items.

The Status codes are of no importance and should be ignored.

The Schedule Milestone Phase names may be changed to suit the work, for example a "Work Item description" type work item may have the following milestones:

- Creation of WI by WG/TB
- Start of work
- Report
- Stage 1 specification
- Stage 2 specification
- Stage 2 specification
- Completion

The target and achieved dates field allow for automatic flags to be raised if not met.

The Project codes may be used to link "Work Item Description" type work items with the resulting Specification work items and specifications impacted by CRs resulting from the WI.

The Work Item Reference identifies the WI type, the responsible TSG, the responsible WG and either a short abbreviation of the WI title or the specification number if and when allocated. e.g. DTS/TSGN-0124004 identifies a Draft TS from TSG CN WG1 specification 24.008

The system enables various styles of reports to be produced, the Full Report is produced here.

The system also enables WWW access to database work program reports, WWW queries may be tailored to suit TSGs and WGs requirements.

TSG-CN is invited to check the information within the report and advise the 3GPP support group of any discrepancies.

The present listing includes those GSM TSs identified at SMG#28bis which are solely within SMG3 responsibility and recommended by SMG3 for transfer from SMG3 to TSG-CN.

For these Specification work items there remain many issues to be clarified, including, which versions have been transferred, how and where maintenance of previous GSM releases of these specifications is to be carried out. The Specifications have been included in the CN work program at this stage as Release 99 Work items to reflect the on going work within TSG-CN.

TSG-CN is invited to clarify the mechanisms for transfer of work/specifications and responsibilities between SMG and TSG CN so that a clear work program for both SMG and TSG-CN may be produced.

Deliverable MI**Creation date:** 10/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:** 3rd Generation Mobile Telecommunication;

Core Network

Separating RR and MM specific parts of the MS CM

Edition:**Lead Body:****Cover date:**

CN

Rapporteur: Kleier, Stephan**Tel:** +49 211 533 3807**Fax:** +49 211 533 2804**E-mail:** stephan.kleier@d2privat.de**Technical editor:** Doig, Ian**Database record last update:** 26/03/1999**Scope and field of application:**

Separation of MS Classmark (CM) in RAN specific and CN specific parts.

Justification

From UMTS point of view the need has been recognised to separate the RAN part of the CM from the CN in order to support the multiple RANs.

For the notification of UMTS mobile station capability to the network, Mobile station classmark IE is used in MM protocol. In GSM, both radio and core network related information are captured in an IE without clear distinction. And the IE is separated into Mobile Station classmark 2 and Mobile Station classmark 3.

Unlike to GSM, UMTS is after the clear separation of Radio Access Network and Core Network.

The following is the identified work areas:

Separation of Mobile Station Classmark parameter into one for CN and one for RAN

Notification procedure to the network

Service Aspects

The interworking of UMTS and GSM will need to be supported both in idle mode and for handovers according to the Stage 1 service requirements.

The necessity of the backward compatibility of the CM with GSM should be investigated under this work item.

The specification should provide backward compatibility to GSM. Both the case of a multi mode UMTS mobile being served by non-upgraded GSM network and an old GSM mobile being served by GSM BSS connected to UMTS Core Network.

MMI Aspects

Not relevant

Charging Aspects

Not relevant

Security Aspects

Not relevant

Impacts

Affects:Terminal, Radio, CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	
1	Start of work				04/03/1999	04/03/1999	0.0.0
5 S	<to be defined>						
5 S	<to be defined>						
12	Completion				17/12/1999		

Keywords

UMTS

Projects

TSG CN

UMTS

Secretariat Comments

10/03/1999 doig

Supporting Companies:

NTT DoCoMo, Fujitsu, NTC, NEC, Telecom-Modus

10/03/1999 doig

Linked Work Items

The possibility of other Work Items impacting the MS Classmark such as MExE terminal capability needs to be studied. The status of Work Item Idle Mode Classmark needs to be studied as well.

Deliverable MI**Creation date:** 10/09/1996**Standstill:****Technical body in charge:** 3GPP**PT:****Title:** 3rd Generation Mobile Telecommunication; Digital cellular telecommunications system (Phase 2+); USSD Enhancements**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 26/03/1999**Scope and field of application:**

Mobile operators show an increasing need to differentiate their service offerings, which is not enabled solely by fully standardised end-user supplementary services and features.

The USSD mechanism allows development of operator specific supplementary services. The dialogue capabilities of USSD support interactions between the peer entities in a dialogue, e.g. the user and a network application. These dialogue capabilities also enable a correlation between requests and replies that is not possible with, e.g., the Short Message Service.

Thus, the PLMNs could be seen as a transparent pipe between a terminal (which may contain extra application intelligence implemented in the SIM or in the ME) and the node in the network where the application resides (HLR, Service Nodes etc.) This transparency is also supported when roaming.

This is extremely attractive from an application development point of view when creating operator specific Value Added Services and features

In order to further strengthen the position of GSM as a leading technology, and further to enhance the USSD mechanism to support advanced applications emerging from new GSM features such as SIM Tool-kit, the following areas have been identified as subjects for change/enhancements:

Existence of multiple USSD dialogues

Use of Data Coding Scheme for USSD

Timer values for mobile originated USSD

Also possible typical applications should be studied as a base for motivating the required changes.

The system architectural issues and the requirements on application protocols should be studied to define the scope of necessary standardisation.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by (S)TC			28/06/1996		28/06/1996	0.0.0
1	Start of work			28/06/1996		28/06/1996	0.0.0
5 S	Transfer to TSG CN					12/03/1999	0.0.0
5 S	R99 02.90				17/12/1999		
5 S	R99 03.90				17/12/1999		
5 S	R99 04.90				17/12/1999		
5 S	CRs to existing specs				29/02/2000		
12	Completion			15/06/1998	29/02/2000		

Keywords

UMTS

GSM

Projects

GSM

GSM_Release_99

TSG CN

Secretariat Comments

		Covers ongoing work on USSD
		Work affects GSM 02.04, 02.90, 03.38, 03.90, 04.80, 04.90, 09.02, 11.1
20/02/1997		ID) WI ref changed from MI/SMG-000090Q
23/03/1999	doig	Decision of SMG#28: The work item USSD Enhancements is moved to R99 .SMG3 suggests creation of a requirements specification for the new application mode for USSD, and further joint activities to take place between SMG1, SMG3 and SMG4.
23/03/1999	doig	Decision of SMG#28bis WI tranferred to TSG CN
23/03/1999	doig	Schedule provisional

Deliverable MI
Creation date: 23/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:
 Call Forwarding Enhancements (CFE)

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Dettner, Harald
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Technical editor: Doig, Ian
Database record last update: 26/03/1999

Scope and field of application:

To be provided. Release 1999.

Long Forwarded-to number of work item Call Forwarding Enhancements (CFE) to GSM R99.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by (S)TC			28/06/1996		28/06/1996	0.0.0
1	Start of work			28/06/1996		28/06/1996	0.0.0
5 S	Transfer to TSG CN					12/03/1999	0.0.0
5 S	CRs to existing specs				01/01/1999		
12	Completion			15/06/1998	29/02/2000		

Keywords

UMTS
 GSM

Projects

GSM
 GSM_Release_99
 TSG CN

Mandates**Secretariat Comments**

23/03/1999	doig	Decision of SMG#28bis WI transferred to TSG CN
23/03/1999	doig	Schedule provisional
23/03/1999	doig	SMG3 analysed the feature of forwarded-to number of maximum 28 digits and concluded that this topic should be moved to Release 99.

Deliverable MI**Creation date:** 19/10/1998**Standstill:****Technical body in charge:** 3GPP**PT:****Title:** 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+);

Access to ISPs and Intranets in GPRS Phase 2;

Separation of GPRS Bearer Establishment and ISP Service Environment Setup (R99)

Edition:**Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 06/04/1999**Scope and field of application:**

Justification

In the current state of the GPRS relevant GSM specifications there are two different types of access scenarios described – GSM 09.61 lists a transparent and a non-transparent case. The phase 1 scenario for the non-transparent case assumes that the MT terminates the PPP protocol and relays PPP options (LCP, authentication PAP and IPCP options) via the SGSN to the GGSN.

To an ISP service environment GPRS provides an access network similar to any other access network. A variety of fixed and wireless methods will co-exist, meaning that the procedures for ISP service environment setup shall be clearly separated from the establishment of the GPRS bearer.

Service Aspects

This work item should propose an ISP access method clearly separated from the establishment of the GPRS bearer.

MMI-Aspects

None identified.

Charging Aspects

None identified.

Security Aspects

MS and ISP authentication should be addressed.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		16/10/1998	16/10/1998		16/10/1998	0.0.0
1	Start of work		16/10/1998	16/10/1998	16/10/1998	16/10/1998	
5 S	CRs to existing Specifications		16/06/1999	16/06/1999	16/06/1999		
12	Completion		31/12/1999	31/12/1999	31/12/1999		

Keywords

GSM

GSM_PHASE2_PLUS

Projects

GSM-UMTS_CN

GSM_PH2+

GSM_Release_99

GSM_UMTS_GPRS

TSG CN

Secretariat Comments

19/10/1998 doig

Supporting Companies

Ericsson, Alcatel, Nokia, Lucent, Motorola.

19/10/1998 doig

09.61; ; PDN Interworking; SMG#28;

23/03/1999 doig

Transfer to TSG CN. Schedule provisional

Deliverable TR
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP

Edition:
Lead Body:
Cover date: CN

Rapporteur: Dettner, Harald
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Technical editor: Doig, Ian
Database record last update: 24/03/1999

PT:
Title:
 Support of Videotex
 (GSM 03.43 version 8.0.0 Release 1999)

Scope and field of application:

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 GSM_PHASE2_PLUS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TR
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

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E-mail:
Technical editor: Doig, Ian
Database record last update: 24/03/1999

Title:
 Support of Teletex in a Public Land Mobile Network (PLMN)
 (GSM 03.44 version 8.0.0 Release 1999)

Scope and field of application:

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 GSM_PHASE2_PLUS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional

Deliverable TR

Creation date: 10/03/1999

Standstill:

Technical body in charge: 3GPP

PT:

Title: 3rd Generation Mobile Telecommunication;

Core Network

Pre-Paging, Feasibility Study

Edition:

Lead Body:

Cover date:

CN

Rapporteur: Park, Ian David Chalmers

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Technical editor: Doig, Ian

Database record last update: 10/03/1999

Scope and field of application:

In third generation networks, a significant number of mobiles will frequently move in and out of radio coverage. This will be due to a number of reasons, i.e.:

The commencement of service and the need to build coverage.

The operating environment in some metropolitan areas, i.e. small cell sizes, high speed trains, subway tunnels etc.

The result is that a proportion of mobile terminated calls may fail to be delivered because the mobile is not reachable.

The current GSM specifications can result in a call path being set up between the caller and the visited MSC before the terminating mobile has responded to the paging message. A possible enhancement to GSM/UMTS would be to reduce the effect of absent/not reachable terminals on the usage of network resources.

The enhancement could be achieved by "pre-paging". This requires that the call path between the caller and visited MSC should not be set up until after the called mobile has responded to paging. In other words the VLR should not return the MSRN until the roaming Mobile Station has issued its Page Response. This solution should be studied to be available as an option to GSM/UMTS Phase 1 network operators.

Justification

The impact on the current GSM/GPRS standards needs to be assessed. The impact of Pre-Paging on the Optimal Routing for Late Call Forwarding service needs further study. It is possible that Pre-Paging may make some cases of OR-LCF redundant. But Pre-Paging will not replace OR-LCF for (CFNRy) Call Forwarding on No Reply.

In addition, Pre-Paging could also be used as a basis for the following additional functions in GSM/UMTS:

1. Signalling of terminal capabilities to the GMSC in Mobile Terminated calls
2. Signalling of current radio environment related capabilities (i.e. GSM, UTRAN coverage area) to the GMSC.
3. Support of active location information retrieval for the CAMEL Any Time Interrogation (ATI) service
4. Extension of the scope of Early Call Forwarding on:
not reachable (mobile not responding)
subscriber busy
5. Support of SIM roaming, where a subscriber's terminal capabilities could change between calls.

This Work Item proposes that a technical report be written, studying the benefits of pre-paging to GSM/UMTS, and the impact on the GSM/UMTS standards.

The work carried out by SMG2 and SMG3 on Classmarks for UMTS (i.e. Service Classmark and Terminal classmark) should be considered in the pre-paging technical report.

The pre-paging technical report will be structured such that there is a clear separation between the justification for pre-paging due to:

- a) The commencement of service and the need to build coverage.
- b) Incomplete coverage due to the local radio environment

Service Aspects

Service aspects are for further study.

MMI Aspects

None

Charging Aspects

None

Security Aspects

Security aspects are for further study.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					15/02/1999	0.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	0.0.0
1	Start of work				04/03/1999	04/03/1999	0.0.0
7	WG approval				15/05/1999		2.0.0
8	TB approval				15/06/1999		3.0.0
12	Publication	PU			29/06/1999		3.0.0

Keywords

UMTS
NETWORK

Projects

TSG CN
UMTS

Secretariat Comments

10/03/1999	doig	Supporting Companies NEC Technologies, BT, Cellnet, Fujitsu Telecom (Europe), NTT DoCoMo FUJITSU LIMITED NIPPON TELECOMMUNICATIONS CONSULTING CO. LTD NIPPON TELEGRAPH AND TELEPHONE CORPORATION NTT COMMUNICATION WARE CORPORATION
10/03/1999	doig	NTT Mobile Communic Responsible WG(s) Primary responsibility - TSG CN WG2 Secondary responsibility - TSG SA WG2 NOTE: WI Reference subject to change

Deliverable TR
Creation date: 10/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:
 Core Network
 Gateway Location Register, Feasibility Study

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Park, Ian David Chalmers
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Technical editor: Doig, Ian
Database record last update: 10/03/1999

Scope and field of application:

UMTS will build on the success of GSM and is likely to become even more widespread. IMT-2000 networks based on GSM evolution are planned for Europe, Japan, USA, Korea. Coupled with steadily increasing rates of international travel for business and leisure, this means a significant increase in the number of roaming users needing to be supported. This will lead to increased signalling traffic on "short-haul" and "long-haul" international links. The introduction of CAMEL Phase 3 for UMTS will add CAP signalling to these international links, leading to a further signalling load increase over present day levels.

This work item is to prepare a technical report describing the use of a Gateway Location Register within the UMTS Core Network as a means of reducing the amount of MAP signalling traffic carried over international signalling links for roaming users.

The GLR is a node between the VLR and the HLR, which may be used to optimize the handling of subscriber profile data across network boundaries. The GLR is functionally part of the roaming

subscriber's Home Environment. When a subscriber is roaming the GLR plays the role of the HLR towards the VLR in the visited network, and the role of the VLR towards the HLR in the home network. The GLR handles any location change between different VLR service areas in the visited network without involving the HLR. The GLR is an optional entity within the VPLMN operator's network.

Subjects for investigation by this report will include at least the following points:

Roaming scenarios in which the GLR will be of benefit

Estimations on the level of MAP traffic optimisation achievable by the GLR

Delegation of HLR service logic to the GLR

A functional description of the GLR

Impact of the GLR on GSM/UMTS standards (i.e. for PS, CS and SMS services).

Data integrity

Security impact

Fault recovery procedures

Other benefits of the GLR (e.g. support for VHE, support of regional signalling variations, CAP optimisation etc.)

Justification

TTC (Japan) has made a preliminary study of the IMT-2000 requirement for MAP optimisation and has reached the following conclusions:

there is a need to optimise MAP traffic between IMT-2000 regions

the best architecture to achieve MAP optimisation is the Gateway Location Register (GLR).

This work item proposes that a detailed study is now made on signalling traffic optimisation which the GLR could offer.

Service Aspects

None

MMI Aspects

None

Charging Aspects

None

Security Aspects

None.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					15/02/1999	0.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	0.0.0
1	Start of work				04/03/1999	04/03/1999	0.0.0
7	WG approval				15/05/1999		2.0.0
8	TB approval				15/06/1999		3.0.0
12	Publication	PU			29/06/1999		3.0.0

Keywords
UMTS
NETWORK

Projects
TSG CN
UMTS

Secretariat Comments

10/03/1999	doig	Supporting Companies
		NEC Technologies, BT, Cellnet, Fujitsu Telecom (Europe), NTT DoCoMo FUJITSU LIMITED NIPPON TELECOMMUNICATIONS CONSULTING CO. LTD NIPPON TELEGRAPH AND TELEPHONE CORPORATION NTT COMMUNICATION WARE CORPORATION NTT Mobile C
10/03/1999	doig	Responsible WG(s)
		Primary Responsibility TSG CN WG2
		Secondary Responsibility TSG SA WG2
10/03/1999	doig	NOTE: WI reference number is subject to change.

Deliverable TR
Creation date: 10/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:
 Core Network
 Out-of-band Transcoder Control, Feasibility Study

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Park, Ian David Chalmers
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E-mail: ian.park@VF.VODAFONE.CO.UK
Technical editor: Doig, Ian
Database record last update: 10/03/1999

Scope and field of application:

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The operating environment in some metropolitan areas, i.e. small cell sizes, high speed trains, subway tunnels etc.

The result is that a proportion of mobile terminated calls may fail to be delivered because the mobile is not reachable.

The current GSM specifications can result in a call path being set up between the caller and the visited MSC before the terminating mobile has responded to the paging message. A possible enhancement to GSM/UMTS would be to reduce the effect of absent/not reachable terminals on the usage of network resources.

The enhancement could be achieved by "pre-paging". This requires that the call path between the caller and visited MSC should not be set up until after the called mobile has responded to paging. In other words the VLR should not return the MSRN until the roaming Mobile Station has issued its Page Response. This solution should be studied to be available as an option to GSM/UMTS Phase 1 network operators.

Justification

The impact on the current GSM/GPRS standards needs to be assessed. The impact of Pre-Paging on the Optimal Routing for Late Call Forwarding service needs further study. It is possible that Pre-Paging may make some cases of OR-LCF redundant. But Pre-Paging will not replace OR-LCF for (CFNRy) Call Forwarding on No Reply.

In addition, Pre-Paging could also be used as a basis for the following additional functions in GSM/UMTS:

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2. Signalling of current radio environment related capabilities (i.e. GSM, UTRAN coverage area) to the GMSC.
3. Support of active location information retrieval for the CAMEL Any Time Interrogation (ATI) service
4. Extension of the scope of Early Call Forwarding on:

not reachable (mobile not responding)

subscriber busy

5. Support of SIM roaming, where a subscriber's terminal capabilities could change between calls.

This Work Item proposes that a technical report be written, studying the benefits of pre-paging to GSM/UMTS, and the impact on the GSM/UMTS standards.

The work carried out by SMG2 and SMG3 on Classmarks for UMTS (i.e. Service Classmark and Terminal classmark) should be considered in the pre-paging technical report.

The pre-paging technical report will be structured such that there is a clear separation between the justification for pre-paging due to:

- a) The commencement of service and the need to build coverage.
- b) Incomplete coverage due to the local radio environment

Service Aspects

Service aspects are for further study.

MMI Aspects

None

Charging Aspects

None

Security Aspects

Security aspects are for further study.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					15/02/1999	0.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	0.0.0
1	Start of work				04/03/1999	04/03/1999	0.0.0
7	WG approval				15/05/1999		2.0.0
8	TB approval				15/06/1999		3.0.0
12	Publication	PU			29/06/1999		3.0.0

Keywords

UMTS
 NETWORK

Projects
TSG CN
UMTS

Secretariat Comments

10/03/1999	doig	Responsible WG(s) Primary responsibility - TSG CN WG2 Secondary responsibility - TSG SA WG2 NOTE: WI Reference subject to change
10/03/1999	doig	Supporting Companies

FUJITSU LIMITED
NIPPON TELECOMMUNICATIONS CONSULTING CO., LTD.
NIPPON TELEGRAPH AND TELEPHONE CORPORATION
NTT COMMUNICATION WARE CORPORATION
NTT Mobile Communications Network Inc
NTT Software Corporation
NEC Corporation

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:** 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+);

Numbering, addressing and identification

(GSM 03.03 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:** 31/07/1998

CN

Rapporteur: Gaasvik, Per-Ola**Tel:** +46 8 5626 7867**Fax:** +46 8 5626 7801**E-mail:** peo.gaasvik@netcomconsultants.se**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

SUBJECT

Numbering, addressing, and identification, Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB				08/02/1999	04/03/1999	6.2.0
0 a	TB adoption of WI				08/02/1999	04/03/1999	6.2.0
1	Start of work				04/03/1999	04/03/1999	6.2.0
6	First complete draft				15/06/1999		
7	WG approval				01/12/1999		
8	TB approval				17/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/2000		

Keywords

ADDRESSING

GSM

ID

MOBILE

PLMN

RADIO

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

09/03/1999 grayv

version 6.2.0 approved at smg#28

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.

Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**

Restoration procedures

(GSM 03.07 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:** 31/07/1998

CN

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SUBJECT

Restoration Procedures Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.1.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.1.0
1	Start of work				04/03/1999	04/03/1999	6.1.0
7	WG approval				01/12/1999		
8	TB approval				17/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

RADIO

SUPPLEMENTARY SERVICE

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999

doig

Transfer of specification responsibility to TSG-CN.

Schedule provisional

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:
 Handover procedures
 (GSM 03.09 version 8.0.0 Release 1999)

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

Scope and field of application:
 Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 GSM
 HANDOVER
 RADIO
 MOBILE

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:** 3rd Generation Mobile Telecommunications; Dgital cellular telecommunications system (Phase 2+);

Location registration procedures

(GSM 03.12 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

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Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

LOCATION

MOBILE

PLMN

RADIO

REGISTRATION

GSM_PHASE2_PLUS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.
Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:** 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+);

Support of Dual Tone Multi-Frequency signalling (DTMF)

(GSM 03.14 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

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Upgrade from Phase 2+ to Release 1999

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
2	Table of Contents and Scope						
6	First complete draft						
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

DTMF

MOBILE

PLMN

RADIO

GSM_PHASE2_PLUS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.
Schedule provisional

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title: 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+); Subscriber data management; Stage 2 (GSM 03.16 version 8.0.0 Release 1999)

Edition:
Lead Body:
Cover date: 29/11/1998
 CN

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Database record last update: 24/03/1999
Fax: +43 1 27705 210

Scope and field of application:
 SUBJECT
 Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.3.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.3.0
1	Start of work				04/03/1999	04/03/1999	6.3.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords
 GSM_PHASE2_PLUS
 MANAGEMENT
 MOBILE
 PLMN
 RADIO
 STAGE 2
 SUBSCRIBER

Projects
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments
 24/03/1999 doig
 Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**
High Speed Circuit Switched Data (HSCSD); Stage 2
(GSM 03.34 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
2	Table of Contents and Scope						
6	First complete draft						
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS

DATA

GSM

MOBILE

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.

Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:**
Title:Technical realization of facsimile group 3 transparent
(GSM 03.45 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Di Tria, Paolo**Tel:** +39 011 228 6127**Fax:** +39 011 228 6190**E-mail:** paolo.ditria@cselt.it**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

FAX

GROUP 3

GSM

GSM_PHASE2_PLUS

MOBILE

PLMN

RADIO

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Responsibility for Specification transferred to TSG CN

Schedule provisional

24/03/1999 doig

New 3G facsimile protocol is needed

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date: 31/07/1998
 CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

Technical realization of Operator Determined Barring (ODB)
 GSM 03.15 version 8.0.0 Release 1999)

Scope and field of application:
 SUBJECT
 Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval						
8	TB approval				01/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 CALL BARRING
 GSM
 MOBILE
 PLMN
 RADIO
 SUPPLEMENTARY SERVICE

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:**
Title:Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2
(GSM 03.54 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Rodermund, Friedhelm**Tel:** +33 4 92 94 43 24**Fax:** +33 4 93 65 28 17**E-mail:** friedhelm.rodernund@etsi.fr**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

GSM_PHASE2_PLUS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999

doig

Responsibility for Specification transferred to TSG CN
Schedule provisional

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Kosydar, L
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E-mail:
Technical editor: Doig, Ian
Database record last update: 24/03/1999
Fax:

Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)
 (GSM 03.70 version 8.0.0 Release 1999)

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

ADDRESSING
 GSM
 MOBILE
 PDN
 PLMN
 RADIO
 GSM_PHASE2_PLUS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT: 12

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

Title:
 Call deflection; Stage 2
 (GSM 03.72 version 8.0.0 Release 1999)

Scope and field of application:

Service to permit a GSM subscriber to redirect an incoming call to another destination, by specification in the response.
 Stage 2. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 GSM

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:**
Title:Line identification supplementary services;
Stage 2 (GSM 03.81 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Crook, Mick**Tel:** +44 1454 624 849**Fax:** +44 1454 618 501**E-mail:** mick.crook@orange.co.uk**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

KeywordsCLIP
CLIR
COLP
COLR
GSM
MOBILE
NAME
PLMN
RADIO
STAGE 2
GSM_PHASE2_PLUS
SUPPLEMENTARY SERVICE**Projects**GSM
GSM_PH2+
GSM_Release_99
TSG CN**Mandates****Secretariat Comments**

24/03/1999	doig	Responsibility for Specification transferred to TSG CN
		Schedule provisional
24/03/1999	doig	Support of IP addressing may require changes

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:
 Call Barring (CB) Supplementary Services;
 Stage 2 (GSM 03.88 version 8.0.0 Release 1999)

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 SUPPLEMENTARY SERVICE
 CF
 GSM
 MOBILE
 PLMN
 RADIO
 STAGE 2

Projects

GSM
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional.

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**

User-to-user signalling (UUS);

Stage 2 (GSM 03.87 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

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Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS

SUPPLEMENTARY SERVICE

CF

GSM

MOBILE

PLMN

RADIO

STAGE 2

Projects

GSM

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
Schedule provisional.

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
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Database record last update: 24/03/1999

Advice of Charge (AoC) Supplementary Services;
 Stage 2 (GSM 03.86 version 8.0.0 Release 1999)

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 SUPPLEMENTARY SERVICE
 CF
 GSM
 MOBILE
 PLMN
 RADIO
 STAGE 2

Projects

GSM
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional.

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

Closed User Group (CUG) Supplementary Services;
 Stage 2 (GSM 03.85 version 8.0.0 Release 1999)

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 SUPPLEMENTARY SERVICE
 CF
 GSM
 MOBILE
 PLMN
 RADIO
 STAGE 2

Projects

GSM
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional.

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP

Edition:
Lead Body:
Cover date: CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

PT:
Title:
 Multi Party (MPTY) Supplementary Services;
 Stage 2 (GSM 03.84 version 8.0.0 Release 1999)

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 SUPPLEMENTARY SERVICE
 CF
 GSM
 MOBILE
 PLMN
 RADIO
 STAGE 2

Projects

GSM
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional.
 Multicall requires changes

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 24/03/1999

Call Waiting (CW) and Call Hold (HOLD) Supplementary Services;
 Stage 2 (GSM 03.83 version 8.0.0 Release 1999)

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 SUPPLEMENTARY SERVICE
 CF
 GSM
 MOBILE
 PLMN
 RADIO
 STAGE 2

Projects

GSM
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Responsibility for Specification transferred to TSG CN
 Schedule provisional.
 Multicall requires changes

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Call Forwarding (CF) supplementary services;
Stage 2 (GSM 03.82 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS

SUPPLEMENTARY SERVICE

CF

GSM

MOBILE

PLMN

RADIO

STAGE 2

Projects

GSM

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Responsibility for Specification transferred to TSG CN

Schedule provisional.

Multicall requires changes

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Explicit Call Transfer (ECT) Supplementary Service stage 2
(GSM 03.91 version 8.0.0 release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Release 1999

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				17/12/1999		
12	Publication	PU			17/12/1999		

Keywords

UMTS

GSM

RADIO

MOBILE

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

23/03/1999

doig

Prime responsibility for specification moved to TSG CN from SMG3
Schedule provisional.

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Explicit Call Transfer (ECT) Supplementary Service stage 2
(GSM 03.93 version 8.0.0 release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.2.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.2.0
1	Start of work				04/03/1999	04/03/1999	6.2.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				17/12/1999		
12	Publication	PU			17/12/1999		

Keywords

UMTS

GSM

RADIO

MOBILE

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

23/03/1999 doig

Prime responsibility for specification moved to TSG CN from SMG3
Schedule provisional.

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Multiple Subscriber Profile (MSP) Phase 2;
Stage 2 (GSM 03.97 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN
Service to allow subscribers to separate his identities for incoming
and outgoing calls on the basis of his directory number(s).
MSP2 based on CAMEL3

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS

SUPPLEMENTARY SERVICE

CF

GSM

MOBILE

PLMN

RADIO

STAGE 2

Projects

GSM

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999 doig

Responsibility for Specification transferred to TSG CN

Schedule provisional.

24/03/1999 doig

MSP2 based on CAMEL3

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Bauer, Rolf
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E-mail: rbauer@alcatel.de
Technical editor: Doig, Ian
Database record last update: 25/03/1999

Organization of subscriber data
 (GSM 03.08 version 8.0.0 Release 1999)

Scope and field of application:
 Release 1999
 Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 MOBILE
 PLMN
 RADIO
 SUBSCRIBER

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999 doig

Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**

Basic call handling;

Technical realization (GSM 03.18 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 25/03/1999**Scope and field of application:**

Release 1999 (Follow Me enhancements) Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.3.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.3.0
1	Start of work				04/03/1999	04/03/1999	6.3.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

GSM_PHASE2_PLUS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999

doig

Transfer of specification responsibility to TSG-CN.

Schedule provisional

Deliverable TS**Creation date:** 23/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Unstructured Supplementary Service Data (USSD) - Stage 2
(GSM 03.90 version 8.0.0 release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Crook, Mick**Tel:** +44 1454 624 849**Fax:** +44 1454 618 501**E-mail:** mick.crook@orange.co.uk**Technical editor:** Doig, Ian**Database record last update:** 25/03/1999**Scope and field of application:**

Release 1999

The present document gives the stage 2 description of Unstructured Supplementary Service Data (USSD).

The unstructured supplementary service data (USSD) mechanism allows the Mobile Station (MS) user and a PLMN operator defined application to communicate in a way which is transparent to the MS and to intermediate network entities. The mechanism allows development of PLMN specific supplementary services.

The present document defines the requirements for handling USSD at the MS and network entities. It does not include specification of particular applications, nor

does it specify how a particular application is selected. Where more than one application exists at a network entity, routing of messages to the correct application is carried out by the USSD handler. The MMI for USSD is specified in GSM 02.30 and GSM 02.90. The alphabet indicator and the data coding scheme are defined in GSM 03.38.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
2	Table of Contents and Scope				22/04/1999		
6	First complete draft				17/06/1999		
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		
5 S	Completion				17/12/1999		
12	Publication	PU			17/12/1999		

Keywords

UMTS

GSM

STAGE 2

RADIO

MOBILE

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

23/03/1999 doig

Prime responsibility for 03.90 R99 moved to TSG CN from SMG3
Schedule provisional.

Deliverable TS**Creation date:** 23/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Unstructured Supplementary Service Data (USSD) - Stage 3
(GSM 04.90 version 8.0.0 release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Bruss, Jörg**Tel:** +49 2407 575 268**Fax:** +49 2407 575 477**E-mail:** eedjbr@eed.ericsson.se**Technical editor:** Doig, Ian**Database record last update:** 25/03/1999**Scope and field of application:**

Release 1999

The present document gives the stage 3 description of the Unstructured Supplementary Service Data (USSD) operations.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
2	Table of Contents and Scope				22/04/1999		
6	First complete draft				17/06/1999		
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		
5 S	Completion				17/12/1999		
12	Publication	PU			17/12/1999		

Keywords

UMTS

GSM

STAGE 3

RADIO

MOBILE

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

23/03/1999 doig

Prime responsibility for 04.90 R99 moved to TSG CN from SMG3
Schedule provisional.

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**

Support of Optimal Routeing (SOR);

Technical realisation (GSM 03.79 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

Rapporteur: Park, Ian David Chalmers**Tel:** +44 1635 673 527**Fax:** +44 1635 583 083**E-mail:** ian.park@VF.VODAFONE.CO.UK**Technical editor:** Doig, Ian**Database record last update:** 24/03/1999**Scope and field of application:**

Upgrade from Phase 2+ to Release 1999. Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

GSM_PHASE2_PLUS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999

doig

Responsibility for Specification transferred to TSG CN

Schedule provisional

Deliverable TS
Creation date: 24/03/1999
Standstill:
Technical body in charge: 3GPP

Edition:
Lead Body:
Cover date: CN

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E-mail: harald.dettner@icn.siemens.de
Technical editor: Doig, Ian
Database record last update: 02/04/1999

Title:
 Name Identification Supplementary Services;
 Stage 2 (GSM 03.96 version 8.0.0 Release 1999)

Scope and field of application:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.1
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.1
1	Start of work				04/03/1999	04/03/1999	6.0.1
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM_PHASE2_PLUS
 SUPPLEMENTARY SERVICE
 CF
 GSM
 MOBILE
 PLMN
 RADIO
 STAGE 2

Projects

GSM
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

24/03/1999	doig	Responsibility for Specification transferred to TSG CN Schedule provisional.
24/03/1999	doig	Support of IP addressing may require changes

Deliverable TS
Creation date: 02/04/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Dettner, Harald
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E-mail: harald.dettner@icn.siemens.de
Technical editor: Doig, Ian
Database record last update: 02/04/1999

MS-BSS Interface - General Aspects and Principles;
 (GSM 04.01 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT

MS-BSS Interface - General Aspects and Principles

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				17/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 RADIO
 SUPPLEMENTARY SERVICE

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

02/04/1999 ferrand

Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS
Creation date: 02/04/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Dettner, Harald
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Technical editor: Doig, Ian
Database record last update: 02/04/1999

Mobile Radio Interface Signalling Layer 3 - General Aspects;
 (GSM 04.07 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT

Mobile Radio Interface Signalling Layer 3 - General Aspects. Release 99.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

02/04/1999 ferrand RAN specific parts to TSG-R. Spec to be split.
 02/04/1999 ferrand Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 02/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Mobile Radio Interface - Layer 3 Specification;
(GSM 04.08 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 02/04/1999**Scope and field of application:**

SUBJECT

Mobile Radio Interface - Layer 3 Specification

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

02/04/1999	ferrand	Transfer of specification responsibility to TSG-CN. Schedule provisional
02/04/1999	ferrand	RAN specific parts to TSG-R. Spec to be split

Deliverable TS**Creation date:** 02/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Radio Link Protocol (RLP) for Data and Telematic Services on the MS-BSS Interface and the BSS-MSC Interface;
(GSM 04.22 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 02/04/1999**Scope and field of application:**

SUBJECT

Radio Link Protocol (RLP) for Data and Telematic Services on the MS-BSS Interface and the BSS-MSC Interface

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

02/04/1999 ferrand

Transfer of specification responsibility to TSG-CN
Schedule provisional

Deliverable TS**Creation date:** 02/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**GPRS Subnetwork Dependent Convergence protocol (SNDTCP);
(GSM 04.65 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 02/04/1999**Scope and field of application:**

SUBJECT

GPRS Subnetwork Dependent Convergence protocol (SNDTCP)

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.3.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.3.0
1	Start of work				04/03/1999	04/03/1999	6.3.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

02/04/1999 ferrand

Transfer of specification responsibility to TSG-CN
Schedule provisional

Deliverable TS**Creation date:** 02/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Enhanced Multi-Level Precedence and Pre-emption service;
(GSM 04.67 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 02/04/1999**Scope and field of application:**

SUBJECT

Enhanced Multi-Level Precedence and Pre-emption service

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

02/04/1999 ferrand

Transfer of specification responsibility to TSG-CN.
Schedule provisional

Deliverable TS
Creation date: 02/04/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:
 Group Call Control Protocol;
 (GSM 04.68 version 8.0.0 Release 1999)

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Dettner, Harald
Tel: +49 6621 169 169 **Fax:** +49 6621 169 122
E-mail: harald.dettner@icn.siemens.de
Technical editor: Doig, Ian
Database record last update: 02/04/1999

Scope and field of application:
 SUBJECT
 Group Call Control Protocol

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.1.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.1.0
1	Start of work				04/03/1999	04/03/1999	6.1.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords
 GSM
 MOBILE
 PLMN
 UMTS

Projects
 GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments
 02/04/1999 ferrand

Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 24/03/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2;
Stage 2 (GSM 03.78 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Park, Ian David Chalmers**Tel:** +44 1635 673 527**Fax:** +44 1635 583 083**E-mail:** ian.park@VF.VODAFONE.CO.UK**Technical editor:** Doig, Ian**Database record last update:** 06/04/1999**Scope and field of application:**

SUBJECT

Expected output from TSG-CN

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				15/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

GSM_PHASE2_PLUS

Projects

CAMEL

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

24/03/1999

doig

Responsibility for Specification transferred to TSG CN
Schedule provisional

Deliverable TS**Creation date:** 02/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:**
Title:Broadcast Call Control (BCC) protocol;
(SM 04.69 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

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SUBJECT

Broadcast Call Control (BCC) protocol

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.1.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.1.0
1	Start of work				04/03/1999	04/03/1999	6.1.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

02/04/1999 ferrand

Transfer of specification to TSG-CN.
Schedule provisional

Deliverable TS
Creation date: 09/04/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 09/04/1999

Title:
 Call Deflection (CD) Supplementary Service; Stage 3;
 (GSM 04.72 version 8.0.0 Release 99)

Scope and field of application:

SUBJECT
 Call Deflection (CD) Supplementary Service; Stage 3 - Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

09/04/1999 ferrand Transfer of specification responsibility to TSG-CN.
 Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:**

Title: 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+);
Mobile Radio Interface Layer 3; Supplementary Services Specification; Formats and Coding;
(GSM 04.80 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

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SUBJECT

Mobile Radio Interface Layer 3; Supplementary Services Specification; Formats and Coding - Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

12/04/1999 ferrand

Multicall requires changes

Deliverable TS

Creation date: 12/04/1999

Standstill:

Technical body in charge: 3GPP

PT:

Title: 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+);

Line Identification Supplementary Services; Stage 3;

(GSM 04.81 version 8.0.0 Release 1999)

Edition:

Lead Body:

Cover date:

CN

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Technical editor: Doig, Ian

Database record last update: 12/04/1999

Scope and field of application:

SUBJECT

Line Identification Supplementary Services; Stage 3 - Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Support of IP addressing may require changes. Should individual stage 3 (access) SS specs be the responsibility of CN-WG1?

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Call Forwarding (CF) Supplementary Services; Stage3;
 (GSM 04.82 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 Call Forwarding (CF) Supplementary Services; Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand Multicall requires changes
 12/04/1999 ferrand Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:**
Title:Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage3;
(GSM 04.83 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

Multicall requires changes

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Title:
 Multi Party (MPTY) Supplementary Services; Stage3;
 (GSM 04.84 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 Multi Party (MPTY) Supplementary Services; Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand Multicall requires changes
 12/04/1999 ferrand Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Title:
 Closed User Group (CUG) Supplementary Services; Stage3;
 (GSM 04.85 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT

Closed User Group (CUG) Supplementary Services; Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Advice of Charge (AOC) Supplementary Services; Stage3;
(GSM 04.86 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

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SUBJECT

Advice of Charge (AOC) Supplementary Services; Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**User-to-user signalling (UUS); Stage3;
(GSM 04.87 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

User-to-user signalling (UUS); Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Call Barring (CB) Supplementary Services; Stage3;
(GSM 04.88 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

Call Barring (CB) Supplementary Services; Stage3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.1
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.1
1	Start of work				04/03/1999	04/03/1999	6.0.1
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999

ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Unstructured Supplementary Service Data (USSD);
(GSM 04.90 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

Unstructured Supplementary Service Data (USSD); Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Title:
 Explicit Call Transfer (ECT) Supplementary Services; Stage 3;
 (GSM 04.91 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 Explicit Call Transfer (ECT) Supplementary Services; Stage 3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.0
1	Start of work				04/03/1999	04/03/1999	6.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Title:
 Call Completion to Busy Subscriber (CCBS); Stage 3;
 (GSM 04.93 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 Call Completion to Busy Subscriber (CCBS); Stage 3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.1.1
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.1.1
1	Start of work				04/03/1999	04/03/1999	6.1.1
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand Transfer of specification responsibility to TSG-CN. Schedule provisional
 12/04/1999 ferrand Multicall requires changes

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Name Identification Supplementary Services; Stage 3;
 (GSM 04.96 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 Name Identification Supplementary Services; Stage 3; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.1
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.1
1	Start of work				04/03/1999	04/03/1999	6.0.1
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:**

Title: 3rd Generation Mobile Telecommunications; Digital cellular telecommunications system (Phase 2+);
Mobile Application Part (MAP) Specification;
(GSM 09.02 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

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SUBJECT

Mobile Application Part (MAP) Specification; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Information Element Mapping between Base Station Application Part (BSSAP) and the Mobile Application Part (MAP) Signalling;
(GSM 09.10 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

Information Element Mapping between Base Station Application Part (BSSAP) and the Mobile Application Part (MAP) Signalling; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.0.1
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.0.1
1	Start of work				04/03/1999	04/03/1999	6.0.1
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

MOBILE

PLMN

UMTS

Projects

GSM_PH2+

GSM_Release_99

TSG CN

Mandates**Secretariat Comments**

12/04/1999 ferrand

12/04/1999 ferrand

Transfer of specification responsibility to TSG-CN. Schedule provisional

Responsibility to be clarified between SMG2/3 TSG-RAN and TSG-CN

Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:
Title:

Edition:
Lead Body:
Cover date:
 CN

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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Signalling Interworking for Supplementary Services;
 (GSM 09.11 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 Signalling Interworking for Supplementary Services; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM
 MOBILE
 PLMN
 UMTS

Projects

GSM_PH2+
 GSM_Release_99
 TSG CN

Mandates

Secretariat Comments

12/04/1999 ferrand Transfer of specification responsibility to TSG-CN. Schedule provisional

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**

GPRS, Serving GPRS Support Node (SGSN); Visitors Location Register (VLR); Gs Interface Network Service Specification; (GSM 09.16 version 8.0.0 Release 1999)

Edition:**Lead Body:****Cover date:**

CN

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SUBJECT

GPRS, Serving GPRS Support Node (SGSN); Visitors Location Register (VLR); Gs Interface Network Service Specification; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

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Mandates**Secretariat Comments**

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Transfer of specification responsibility to TSG-CN. Schedule provisional

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N1 to be confirmed

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**GPRS, Serving GPRS Support Node (SGSN); Visitors Location Register (VLR); Gs Interface Layer 3 Specification;
(GSM 09.18 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

GPRS, Serving GPRS Support Node (SGSN); Visitors Location Register (VLR); Gs Interface Layer 3 Specification; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.3.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.3.0
1	Start of work				04/03/1999	04/03/1999	6.3.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

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Deliverable TS
Creation date: 12/04/1999
Standstill:
Technical body in charge: 3GPP
PT:

Edition:
Lead Body:
Cover date:
 CN

Rapporteur: Dettner, Harald
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Technical editor: Doig, Ian
Database record last update: 12/04/1999

Title:
 GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface;
 (GSM 09.60 version 8.0.0 Release 1999)

Scope and field of application:

SUBJECT
 GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	7.0.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	7.0.0
1	Start of work				04/03/1999	04/03/1999	7.0.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

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Mandates

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 12/04/1999 ferrand N2B to be confirmed

Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:****Title:**Inter-working between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN);
(GSM 09.61 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

Rapporteur: Dettner, Harald**Tel:** +49 6621 169 169**Fax:** +49 6621 169 122**E-mail:** harald.dettner@icn.siemens.de**Technical editor:** Doig, Ian**Database record last update:** 12/04/1999**Scope and field of application:**

SUBJECT

Inter-working between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN); Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.3.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.3.0
1	Start of work				04/03/1999	04/03/1999	6.3.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

GSM

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Mandates**Secretariat Comments**

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Deliverable TS**Creation date:** 12/04/1999**Standstill:****Technical body in charge:** 3GPP**PT:**
Title:CAMEL Application Part (CAP) Specification;
(GSM 09.78 version 8.0.0 Release 1999)**Edition:****Lead Body:****Cover date:**

CN

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SUBJECT

CAMEL Application Part (CAP) Specification; Release 99

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB					04/03/1999	6.3.0
0 a	TB adoption of WI				04/03/1999	04/03/1999	6.3.0
1	Start of work				04/03/1999	04/03/1999	6.3.0
7	WG approval				01/12/1999		
8	TB approval				21/12/1999		8.0.0
5 S	Completion				31/12/1999		
12	Publication	PU			31/12/1999		

Keywords

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