

**Source:** TSG S1  
**Title:** Two CRs to 22.030  
**Document for:** Approval  
**Agenda Item:** 5.1.3

TSG-SA Working Group 1 (Services) meeting #5  
Bernried, Starnberger, Germany 27th Sept – 1st Oct 1999

TSG S1 (99) 744r1  
Agenda Item: 6.2.1

### 3G CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

**22.030 CR 002**

Current Version: **3.0.0**

3G specification number ↑

↑ CR number as allocated by 3G support team

For submission to TSG **SA#5** for approval  (only one box should  
list TSG meeting no. here ↑ for information  be marked with an X)

Form: 3G CR cover sheet, version 1.0 The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf

**Proposed change affects:** USIM  ME  UTRAN  Core Network   
(at least one should be marked with an X)

**Source:** SA WG1 **Date:** 1.10.1999

**Subject:** Data services streamlining

**3G Work item:**

**Category:** F Correction   
A Corresponds to a correction in a 2G specification   
(only one category shall be marked with an X) B Addition of feature   
C Functional modification of feature   
D Editorial modification

**Reason for change:** Alignment with "data services clean up" done on 22.002.

**Clauses affected:** Annex C

**Other specs affected:** Other 3G core specifications  → List of CRs:  
Other 2G core specifications  → List of CRs:  
MS test specifications  → List of CRs:  
BSS test specifications  → List of CRs:  
O&M specifications  → List of CRs:

**Other comments:**

## Annex C (normative): Codes for Tele- and bearer services

Tele- and Bearer Service Supplementary Information codes (SIB).

Alternate and speech/data services are included with the equivalent data service.

### Basic Service

group number (note)	Telecommunication Service	MMI Service Code
1 to 12	All tele and bearer services	no code required
	Teleservices	
1 to 6, 12	All teleservices	10
1	Telephony	11
2 to 6	All data teleservices	12
6	Facsimile services	13
2	Short Message Services	16
1, 3 to 6, 12	All teleservices except SMS	19
12	Voice group services	
	Voice Group Call Service (VGCS)	17
	Voice Broadcast Service (VBS)	18
	Bearer Service	
7 to 11	All bearer services	20
7,9	All async services	21
8,10	All sync services	22
8	All data circuit sync	24
7	All data circuit async	25
10	All dedicated packet access	26
9	All dedicated PAD access	27
13	All GPRS bearer services	99

NOTE: See GSM 02.04 [2] for definition of Basic Service groups.

NOTE: "All GPRS bearer services" are not included in "All tele and bearer services" and "All bearer services".

The grouping implies that if e.g. code 25 is used, the Supplementary Service procedure concerned applies to all Asynchronous Data Circuit mode Bearer Services subscribed to.

TSG-SA Working Group 1 (Services) meeting #5  
 Bernried, Starnberger, Germany 27th Sept – 1st Oct 1999

**TSG S1 (99)664**  
**Agenda Item:6.2.1**

ETSI STC SMG1#64 (99/7)

Tdoc SMG1 1-99-323

Quebec, Canada,  
 July 5-9, 1999

<b>CHANGE REQUEST No :</b>		<b>003</b>	Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.
Technical Specification GSM		22.030	Version: 3.0.0
Submitted to SMG		for approval <input checked="" type="checkbox"/>	without presentation ("non-strategic")
<small>list SMG plenary meeting no. here ↑</small>		for information <input type="checkbox"/>	with presentation ("strategic") <input checked="" type="checkbox"/>
PT SMG CR cover form is available from: <a href="http://docbox.etsi.org/tech-org/smg/Document/smg/tools/CR_form/crf28_1.zip">http://docbox.etsi.org/tech-org/smg/Document/smg/tools/CR_form/crf28_1.zip</a>			

**Proposed change affects:** SIM  ME  Network   
(at least one should be marked with an X)

**Work item:** \_\_\_\_\_

**Source:** S1 **Date:** 5 July 1999

**Subject:** Support for Anonymous Call Rejection

<b>Category:</b>	F Correction <input type="checkbox"/> A Corresponds to a correction in an earlier release <input type="checkbox"/> B Addition of feature <input type="checkbox"/> C Functional modification of feature <input checked="" type="checkbox"/> D Editorial modification <input type="checkbox"/>	<b>Release:</b>	Phase 2 <input type="checkbox"/> Release 96 <input type="checkbox"/> Release 97 <input type="checkbox"/> Release 98 <input type="checkbox"/> Release 99 <input checked="" type="checkbox"/>
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(one category and one release only shall be marked with an X)

**Reason for change:** To ensure support for Anonymous Call Rejection (ACR)

**Clauses affected:** New clause 4.5.6.2

<b>Other specs affected:</b>	Other releases of same spec <input type="checkbox"/> Other core specifications <input type="checkbox"/> MS test specifications / TBRs <input type="checkbox"/> BSS test specifications <input type="checkbox"/> O&M specifications <input type="checkbox"/>	→ List of CRs: → List of CRs: → List of CRs: → List of CRs: → List of CRs:	
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**Other comments:** \_\_\_\_\_



<----- double-click here for help and instructions on how to create a CR.

## 0.1 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] GSM 01.04: "Digital cellular telecommunication system (Phase 2+); Abbreviations and acronyms".
- [2] GSM 02.04: "Digital cellular telecommunication system (Phase 2+); General on supplementary services".
- [3] GSM 02.07: "Digital cellular telecommunication system (Phase 2+); Mobile Station (MS) features".
- [4] GSM 02.11: "Digital cellular telecommunication system (Phase 2+); Service accessibility".
- [5] GSM 02.17: "Digital cellular telecommunication system (Phase 2+); Subscriber identity modules Functional characteristics".
- [6] GSM 02.16: "Digital cellular telecommunications system (Phase 2+; International Mobile station Equipment Identities (IMEI)".
- [7] GSM 02.40: "Digital cellular telecommunication system (Phase 2+); Procedures for call progress indications".
- [8] GSM 02.83: "Digital cellular telecommunication system (Phase 2+); Call Waiting (CW) and Call Hold (HOLD) supplementary services - Stage 1".
- [9] GSM 02.84: "Digital cellular telecommunication system (Phase 2+); MultiParty (MPTY) supplementary services - Stage 1".
- [10] GSM 02.90: "Digital cellular telecommunication system (Phase 2+); "Stage 1 description of Unstructured Supplementary Service Data (USSD)".
- [11] GSM 03.01: "Digital cellular telecommunication system (Phase 2+); Network functions".
- [12] GSM 03.09: "Digital cellular telecommunication system (Phase 2+); Handover procedures".
- [13] GSM 03.12: "Digital cellular telecommunication system (Phase 2+); Location registration procedures".
- [14] GSM 03.14: "Digital cellular telecommunication system (Phase 2+); Support of Dual Tone Multi-Frequency signalling (DTMF) via the GSM system".
- [15] GSM 03.38: "Digital cellular telecommunication system (Phase 2+);"Alphabets and language-specific information".
- [16] GSM 04.08: "Digital cellular telecommunication system (Phase 2+); Mobile radio interface layer 3 specification".
- [17] GSM 04.80: "Digital cellular telecommunication system (Phase 2+); Mobile radio interface layer 3 supplementary services specification Formats and coding".
- [18] GSM 05.08: "Digital cellular telecommunication system (Phase 2+); Radio subsystem link control".

- [19] GSM 09.02: "Digital cellular telecommunication system (Phase 2+); Mobile Application Part (MAP) specification".
- [20] GSM 11.10: "Digital cellular telecommunication system (Phase 2+); Mobile Station (MS) conformity specification".
- [21] GSM 11.11: "Digital cellular telecommunication system (Phase 2+); Specification of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface".
- [22] GSM 02.81: "Line Identification Supplementary Services – Stage 1"
- ~~[232]~~ CCITT Recommendation E.164: "Numbering plan for the ISDN era".
- ~~[243]~~ CCITT Recommendation E.131: "Subscriber control procedures for supplementary telephone services".
- [254] CCITT Recommendation E.121: "Pictograms and symbols to assist users of the telephone service".

## 4.5.6 Other handling of supplementary services

### 4.5.6.1 Multiple Subscriber Profile - \$(MSP)\$

#### 4.5.6.1.1 Registering an alternative profile

An alternative profile is registered by entering the profile ID of the new profile, as illustrated:

\* 59n # SEND

Where n is the identity of the profile desired.

An indication is given to the user showing whether this procedure was successful.

The ID of the registered profile and other provisioned profiles may be determined by interrogation on entering \*#59# SEND

The profile so registered shall be used for all further MS originated activities and CISS operations unless another profile is selected, or an alternative profile is registered.

#### 4.5.6.1.2 Selecting an alternative profile on a per call basis

An alternative profile to the registered profile is selected by entering the profile ID of the new profile along with the desired Directory Number, as illustrated:

\* 59n # DN SEND

Where n is the identity of the profile desired

Continued processing of the call shall implicitly indicate that the selection was successful, there shall be no explicit indication given to the user concerning successful execution this selection procedure.

It is assumed that \*# (i.e. interrogation) will not apply to call set-up.

### 4.5.6.2 Calling Line Identification Presentation (CLIP)

The CLIP Supplementary Service is defined in [22]

#### 4.6.6.2.1 Presentation of Information

If CLIP has been provisioned for the subscriber and the MS is capable of displaying the line identification then for each MT call the MS should either:

display the calling line identity or;

display the reason why the line identity is not available as indicated by the Presentation

Indicator