Technical Specification Group Services and System Aspects
Meeting #7, Madrid, Spain, 15-17 March 2000

TSGS#7(00)0071

Source: **TSG SA1**

Title: **CRs to 22.003, 22.011 and 22.060 on Release 2000**

Document for: **Approval**

Agenda Item: **5.1.3**

Doc-1st-Level	Status-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New
SP-000071		22.003	003		R00	Addition of Wideband AMR	B		
SP-000071		22.011	014		R00	Network Selection	B		
SP-000071		22.060	011		R00	The support of Push Services for GPRS	B		

3GPP SA1 # 7
Sophia Antipolis, 9.-11. February 2000

Document (00) 162
Agenda 5.11
e.g. for 3GPP use the format TP-99xxx or for SMG, use the format P-99-xxx

CHANGE REQUEST

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22.003	CR	003	Current Version:	3.1.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to: SA # 7 *list expected approval meeting # here ↑*	for approval	X	strategic		*(for SMG use only)*
	for information		non-strategic	X	

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

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

Source: TSG SA1 **Date:** 1/2/2000

Subject: Addition of Wideband AMR.

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction		**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature	X		Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	
				Release 00	X

Reason for change: Addition of Wideband AMR.

Clauses affected: A.1.1

Other specs affected:

Other 3G core specifications		→ List of CRs:	
Other GSM 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:

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1) Transparency for telephone signalling tones is provided.

2) Transparency for voice band facsimile signals is not mandatory. (Appropriate bearer services see TS 22.002 [3].)

3) Transparency for end to end speech encryption is not mandatory. If a user needs to apply this technique an appropriate bearer service (TS 22.002 [3]) can be used.

4) Transmission of DTMF is provided in the mobile to fixed direction (e.g. for controlling voice mail boxes) during any time of an established call.

5) GERAN speech teleservices may be provided using the Full Rate (full rate, version 1), Enhanced Full Rate (full rate, version 2), Half Rate (half rate, version 1), ~~or~~ Adaptive Multirate (AMR) or Wideband Adaptive Multirate (AMR-WB) speech codecs. The default speech codec to provide speech service across the GERAN is Full Rate.

6) UTRAN speech teleservices may be provided using the Adaptive Multirate (AMR) or Wideband Adaptive Multirate (AMR-WB) speech codecs. The default speech codec to provide speech service across the UTRAN is AMR.

3GPP TSG SA WG1 Meeting (S1#7)
Sophia Antipolis, France, 9 – 11 Fev 2000

***Tdoc* S1-00-106**
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22.011	CR	014	Current Version:	3.1.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to: SA#7 *list expected approval meeting # here ↑*	for approval	X	strategic		*(for SMG use only)*
	for information		non-strategic		

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: *(at least one should be marked with an X)* (U)SIM [X] ME [X] UTRAN / Radio [ ] Core Network [ ]

Source: TSG SA **Date:** 3/02/00

Subject: Network Selection

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction		**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature	X		Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	
				Release 00	X

Reason for change: To extend PLMN reselection to roaming.

Clauses affected: 3.2.2.6

Other specs affected:

Other 3G core specifications		→ List of CRs:	
Other GSM 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:

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3G TS 22.011 V3.0.1 (1999-10)

Technical Specification

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Service accessibility (3G TS 22.011 version 3.0.1)

3.2.2.5 ~~Timer for return to HPLMN~~Periodic network selection attempts

~~If the~~The UE shall make periodic network selection attempts in one or both of the following situations:

- if the UE is in Automatic Mode and has selected and registered on a VPLMN of its home country, it shall make periodic attempts to return to its HPLMN.
- If the UE is in Automatic Mode and has selected and registered on a VPLMN which is neither the HPLMN nor one of the PLMNs contained either in the "Operator Controlled PLMN Selector" data field or in the "User Controlled PLMN Selector", it shall make periodic attempts to return to one of the PLMNs of the same country contained either in the "Operator Controlled PLMN Selector" data field or in in the "User Controlled PLMN Selector".

The UE shall only make reselection attempts while in idle mode for circuit services.

The interval between attempts shall be stored in the SIM/USIM. Only the service provider shall be able to select for which of the previous situations, periodic network selection shall be attempted and to set the ~~timer value. The timer shall have a value~~ interval, which shall be between 6 minutes and 8 hours, with a step size of 6 minutes. One value shall be designated to indicate that no periodic attempts shall be made.

In the absence of a permitted value in the SIM/USIM, or the SIM/USIM is phase 1 and therefore does not contain the datafield, then a default value of 30 minutes, shall be used by the UE.

NOTE: Use of values less than 30 minutes may result in excessive ME battery drain.

3GPP TSG-SA WG1 Meeting #7
Sophia-Antipolis, France, 9th – 11thFeb, 2000

***Document* S1000148**
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22.060	CR	011	Current Version:	3.2.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to:	SA #7	for approval	X	strategic		(for SMG use only)
list expected approval meeting # here ↑		for information		non-strategic		

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

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

Source: TSG SA1 **Date:** 14/02/00

Subject: The support of Push Services for GPRS

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction		**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	
				Release 00	X

Reason for change: S1 requests to use dynamic IP address for push service. S1 would like to realize push service in inactive, although it is one of the ways to be always in active.

Clauses affected: 6.7

Other specs affected:

Other 3G core specifications		→ List of CRs:
Other GSM 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:

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6.7 Activation

The subscriber shall be able to activate each of the registered interworking profiles independently within the limitations of the subscription profile. As an option the GPRS network may request the activation of a specific interworking profile for a GPRS attached mobile, when a mobile terminated packet or activation request from external data network with user-ID (e.g. MSISDN) is received even if a mobile is inactive. This option may be available for one or more PDP. The activation of the inter-working profile(s) may be performed automatically by the MS immediately after GPRS Attach. When an interworking profile is activated a dynamic binding between the GSM/GPRS identity of the MS and the external data network user-ID and/or address is made by the system, and the appropriate service parameters are applied thus establishing a virtual connection between the MS and the GPRS network. Activation of an interworking profile results in a dynamic binding until de-activation is performed.

6.8 De-activation

The subscriber shall be able to de-activate the previously activated interworking profiles independently within the limitations of the subscription profile thus releasing the previously established virtual connection. An interworking profile(s) shall be automatically de-activated if the provision for the supporting GPRS service is withdrawn. Interworking profiles are deactivated automatically upon GPRS detach..
De-activation of a particular interworking profile shall abort all presently on-going communication between the MS and the external data network. Any previously negotiated schedule for the PTM-M service shall remain unaffected.