Technical Specification Group Services and System Aspects Meeting #10, Bangkok, Thailand, 11-14 December 2000

Source: TSG-SA WG4

Title: CRs to TS 06.51

Document for: Approval

Agenda Item: 7.4.3

The following CRs were agreed at SA WG4 meetings #13 and/or #14 and are presented to TSG SA #10 for approval.

Spec	CR	Rev	Phas	Subject	Cat	Ver	WG	Meeting	S3 doc
			е						
06.51	A009		Ph 2	Definition of the homing frame for the alternative EFR implementation	F	4.1.0	S4	S4-14	S4-000666
06.51	A010		R96	Definition of the homing frame for the alternative EFR implementation	Α	5.2.0	S4	S4-14	S4-000667
06.51	A011		R97	Definition of the homing frame for the alternative EFR implementation	Α	6.1.0	S4	S4-14	S4-000668
06.51	A012		R98	Definition of the homing frame for the alternative EFR implementation	Α	7.1.0	S4	S4-14	S4-000669
06.51	A013		R99	Definition of the homing frame for the alternative EFR implementation	Α	8.1.0	S4	S4-14	S4-000670

CHANGE REQUEST													
ж	06.51	CR	A009	ж	rev	-	¥	Current version:	4.1.0	¥			
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the % symbols.													

Proposed change affects: (U)SIM ME/UE X Radio Access Network X Core Network ■												
Title:	\mathfrak{H}	Definition of	of the decoder	homing fr	ame for the a	Iternative EF	R imple	ementation				
Source:	ж	TSG-SA W	/G4									
Work item code	<i>:</i>	Alternative	EFR impleme	ntation		Date: 8	€ 11-	Dec-2000				
Category:	\mathfrak{R}	F			Release:	€ 2						
			ne following cate	•		Use <u>one</u> d		llowing releases:				
			ntial correction)			2	•	l Phase 2)				
		A (corre	esponds to a co	rrection in a	an earlier relea	se) R96	•	ase 1996)				
		B (Addi	ition of feature),			R97	(Rele	ase 1997)				
		C (Fund	ctional modificat	tion of featu	ıre)	R98	•	ase 1998)				
		D (Edito	orial modification	n)		R99	(Rele	ase 1999)				
		Detailed expl	anations of the	above cate	gories can	REL-4	(Rele	ase 4)				
		be found in 3	GPP TR 21.900).		REL-5	(Rele	ase 5)				
<u> </u>									_			

Reason for change: 第	In the current version of the specification it is not mentioned which decoder homing frame shall be used by the alternative EFR version.
Summary of change: #	Define decoder homing frame for the alternative EFR implementation: Use decoder homing frame of the original EFR version (for compatibility reasons).
Consequences if # not approved:	It will not be clear which decoder homing frame shall be used for the alternative EFR implementation (EFR or AMR_MR122 decoder homing frame?).

Clauses affected:	Ж	Section 11
Other specs affected:	*	Other core specifications Test specifications O&M Specifications
Other comments:	¥	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked **%** contain pop-up help information about the field that they are closest to.
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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

The modules may be set into their home states by provoking the appropriate homing-functions.

NOTE: This is normally done during reset (initialization of the codec).

Special inband signalling frames (encoder-homing-frame and decoder-homing-frame) described in GSM 06.60 [6] have been defined to provoke these homing-functions also in remotely placed modules.

This mechanism is specified to support three main areas:

- type approval of mobile terminal equipment;
- type approval of infrastructure equipment;
- remote control and testing for operation and maintenance.

At the end of the first received homing frame, the audio functions that are defined in a bit exact way shall go into their predefined home states. The output corresponding to the first homing frame is dependent on the codec state when the frame was received. Any consecutive homing frames shall produce corresponding homing frames at the output.

11 Alternative Enhanced Full Rate implementation using the Adaptive Multi Rate 12.2 kbit/s mode

The 12.2 kbit/s mode of the Adaptive Multi Rate speech coder described in TS 26.071 is functionally equivalent to the GSM Enhanced Full Rate speech coder. An alternative implementation of the Enhanced Full Rate speech service based on the 12.2 kbit/s mode of the Adaptive Multi Rate coder is allowed. Alternative implementations shall implement the functionality specified in TS 26.071 for the 12.2 kbit/s mode, with the exceptiondifference that the DTX transmission format from (GSM 06.81) and, the comfort noise generation from (GSM 06.62) and the decoder-homing-frame from GSM 06.60 shall be used.

Verification of compliance using the alternative implementation is achieved by use of a set of digital test sequences given in GSM 06.54.

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Proposed change affects: (U)SIM ME/UE X Radio Access Network X Core Network ■														
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Category:	A								Release: #	R96	6			
Use one of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900. Use one of the following release (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1999) R99 (Release 4) REL-4 (Release 4) REL-5 (Release 5)														
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How to create CRs using this form:

Other comments:

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