

Source: SA1

Title: CRs to 22.101 Rel-4 and Rel-5 on CS Multimedia fallback to speech

Document for: Approval

Agenda Item: 7.1.3

Spec	CR	Rev	Phase	Cat	Subject	Version-Current	Version-New	Doc-2nd-Level
22.101	076		Rel-4	F	CS Multimedia fallback to speech	4.3.0	4.4.0	S1-010352
22.101	077		Rel-5	A	CS Multimedia fallback to speech	5.2.0	5.3.0	S1-010351

CHANGE REQUEST

⌘ **22.101 CR 076** ⌘ rev ⌘ Current version: **4.3.0** ⌘

For **HELP** 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 Radio Access Network Core Network

Title:	⌘ CS Multimedia Fallback to speech		
Source:	⌘ SA1		
Work item code:	⌘ TEI4	Date:	⌘ 11.May 2001
Category:	⌘ F	Release:	⌘ REL-4
<i>Use <u>one</u> of the following categories:</i>		<i>Use <u>one</u> of the following releases:</i>	
F (essential correction)		2 (GSM Phase 2)	
A (corresponds to a correction in an earlier release)		R96 (Release 1996)	
B (Addition of feature),		R97 (Release 1997)	
C (Functional modification of feature)		R98 (Release 1998)	
D (Editorial modification)		R99 (Release 1999)	
Detailed explanations of the above categories can be found in 3GPP TR 21.900.		REL-4 (Release 4)	
		REL-5 (Release 5)	

Reason for change:	⌘ TSG-CN has decided (SA1 282) to delete work items related to CS multimedia call swap and fallback. Thus the requirement related to general fallback need to be removed from REL4 and REL 5 version of 22.101.
Summary of change:	⌘ In chapter 5.2.1. clarification that speech fallback can only apply to CM multimedia when it is set up on 3.1khz bearer.
Consequences if not approved:	⌘ Stage 1 miss aligned with 24.008, 27.001 and 29.007.

Clauses affected:	⌘ 5.2.1
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="text"/>
	<input type="checkbox"/> Test specifications
	<input type="checkbox"/> O&M Specifications
Other comments:	⌘ <input type="text"/>

5.2.1 Circuit Switched (CS) multimedia calls

The following basic requirements are to be supported for CS multimedia [24]:

- CS multimedia shall be based on a 3GPP specific subset of H.324M.
- All call scenarios shall be supported, i.e. Mobile Originating and Mobile Terminating call against Mobile, ISDN and PSTN call party.
- Single and multiple numbering schemes shall be supported.
- ~~Speech Fallback to speech (TS 11 [14]) shall be supported from 3.1kHz Ext. PLMN multimedia bearer, i.e. if setup of the multimedia call fails the call will be set up as a speech call. At release '99 only fallback case supported is from '3.1kHz Ext. PLMN' to speech.~~
- CS Multimedia call is a Bearer Service, which utilises Synchronous Transparent Data service.
- Different bitrates as specified at 22.002 [21] shall be supported.
- Supplementary services apply to multimedia calls according to 22.004[5].

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