
Source: SA1
Title: Release 4 CR to 22.135 on Corrections to terminology
Document for: Approval
Agenda Item: 7.1.3

SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-020648	22.135	010	1	Rel-4	F	CR to 22.135 Corrections on terminology	4.1.0	4.2.0	S1-022201

CR-Form-v4

CHANGE REQUEST

⌘ **22.135 CR 010** ⌘ ev **1** ⌘ Current version: **4.1.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ UICC ME/UE Radio Access Network Core Network

Title:	⌘ CR to correct terms and references		
Source:	⌘ SA1 (MCC)		
Work item code:	⌘ CORRECT	Date:	⌘ 05/11/2002
Category:	⌘ F	Release:	⌘ REL-4
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (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)
			Rel-6 (Release 6)

Reason for change:	⌘ This CR was originally elaborated in response to the deletion of 04.08, when SA1 has undertaken a clean-up of its specifications to correct the references to all TSs and normalised the terms used therein. However, on implementation, it was found the CR was not correct. Therefore, it is reproduced as revision 1 to take into account the changes in the TS since the CR was first produced.
Summary of change:	⌘ References have been changed where necessary.
Consequences if not approved:	⌘ Illegal references will exist in the specification set.

Clauses affected:	⌘ Various										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table>	Y	N		X		X		X	Other core specifications	⌘
Y	N										
	X										
	X										
	X										
		Test specifications									
		O&M Specifications									
Other comments:	⌘ This is purely an editorial CR.										

1 Scope

The present document ~~presents~~ describes [the](#) Multicall supplementary service ~~for UMTS phase 1 release 99~~.

The general aspects, including definitions and recommended provision, of the description of the 3GPP Supplementary Services are given in 3GPP TS 22.004.

[Multicall is only applicable for UTRAN.](#)

***** Next section affected *****

B.2.2 Several simultaneous speech calls / bearers

A Key requirements for multicall is to allow several simultaneous CS calls with dedicated bearers. The most important usage scenario is to allow several CS data bearers to be bind at application level resulting to higher than 64kbits/s data rates. Another important feature is to allow simultaneous speech and data calls.

It's been proposed that the multicall feature could be introduced in a phased manner; meaning that in the first phase, i.e. 3GPP release 99 does only support one active speech call at a time. However, Call control should not prohibit a complete set of multiple speech bearer services in future releases and UTRAN shall be designed in a flexible way to support multiple speech bearers. The specific NDUB definition for speech call shall be removed when multiple speech call is supported. ~~At~~ [In](#) this release , Supplementary Services Call Waiting, Multiparty and Call Hold are used to offer simultaneous speech calls to user.

N_{cs} may be extended in further releases.

If multiple simultaneous speech calls are supported in the future then the Call Hold service may be used to reconfigure the number of bearers supporting speech calls if required during handover. e.g. in the case of handover to GERAN where only one speech call can be active at a time. This requirement is dependent on the user subscribing to Call Hold.

B.2.3 CCBS

~~At~~ [In](#) this release CCBS no enhancements for CCBS is required.

In the future releases the definition of IDLE state of subscriber A and destination B should be modified in away that the IDLE state is reach even if there are active CS calls but the maximum limit of CS calls is not reached.