TSGS#11(01)0039

Technical Specification Group Services and System Aspects Meeting #11, Palm Springs, CA, USA, 19-22 March 2001

Source: SA1

Title: CRs to 22.002 clarification on Circuit Switched Bearer Services in

UMTS

Document for: Approval

Agenda Item: 7.1.3

Spec	CR	Re	Phas	Subject	Cat	Versio	Versio
		V	е			n- Curren t	n-New
22.002	009		R99	CR to 22.002 clarification on Circuit Switched Bearer Services in UMTS	F	3.5.0	3.6.0
22.002	010		Rel-4	CR to 22.002 clarification on Circuit Switched Bearer Services in UMTS	С	4.0.0	4.1.0

TSG-SA WG1 (Services) meeting #11 Cape Town, South Africa, 6th – 9th February 2001

CHANGE REQUEST								
* TS 22	.002 CR	009 ж re	ev - #Cu	rrent vers	3.5.0 **			
For HELP on usi	ng this form, see	bottom of this page	or look at the p	op-up text ove	r the ₩ symbols.			
Proposed change aft	fects: 第 (U)S	IM ME/UE	Radio Acce	ss Network	Core Network X			
Title:	Clarification on C	ircuit Switched Bea	rer Services in l	JMTS				
Source: #	SA1							
Work item code: ₩	CS Bearers in UN	ИТs		Date: ♯ 16	5/02/01			
Category:	F		R	elease: # R	99			
D	B (Addition of a C (Functional a D (Editorial mo	rrection) s to a correction in all feature), modification of featur odification) s of the above categ	n earlier release) e)	2 (GS R96 (Re. R97 (Re. R98 (Re. R99 (Re. REL-4 (Re.	following releases: M Phase 2) lease 1996) lease 1997) lease 1998) lease 1999) lease 4)			
Reason for change:	capabilities t	ed to restructure the avoid inconsister of avoid inconsister This CR belongs to	cies with 27.001	1, 23.910 and 2	29.007 which arose			
Summary of change:	Deletion appropri service. Transpa Deletion idea for needed. highest of		30 T UDI for UNBearer (RAB) av 18.8 kbit/s for UNBEARER S 20 and BS 30 ce the CS Bearer this user rate is by a V.34 moder	MTS because the ailable in order DI T UDI for UM Er Services to the seded because that can be services.	TS because the hose that are really use it represents the signalled in ISDN.			
Consequences if	₩ Inconsistence	y with 27.001, 23.9	10 and 29.007					
not approved:								
Clauses affected:	第 3.1.2							
Other specs affected:	Test spec	e specifications ifications cifications	*					
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.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 TSG meetings.
- 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.

3.1.2 V.110 UDI

Fixed Network User Rate	Access Structure	User Information Layer 1 protocol	QoS Attribute	Notes
0.3 kbit/s	Asynch	V.110	NT or T	note 2 and 3
1.2 kbit/s	Asynch, Synch	V.110	NT or T	note 1, 2 and 3
2.4 kbit/s	Asynch, Synch	V.110	NT or T	note 2 and 3
4.8 kbit/s	Asynch, Synch	V.110	NT or T	note 2 and 3
9.6 kbit/s	Asynch, Synch	V.110	NT or T	note 2 and 4
14.4 kbit/s	Asynch, Synch	V.110	NT or T	Note 4
19.2 kbit/s	Asynch, Synch	V.110	NT or T	Note 4
28.8 kbit/s	Asynch, Synch	V.110	NT or T	Note 4
38.4 kbit/s	Asynch, Synch	V.110	NT or T	Note 4
48 kbit/s	Synch	V.110	Т	Note 6
56 kbit/s	Synch	V.110	T (in a 64 kbit/s environment)	

- NOTE 1: Not applicable to synchronous NT service.
- NOTE 2: These services are also supported by the GSM Phase 2 Specifications.
- NOTE 3: In case of UTRAN the user rates 300, 1200, 2400 and 4800 bit/s towards the fixed network can be provided only for mobile terminated calls and only in Async non-transparent (NT) mode.
- NOTE 4: In case of UTRAN the FNURs 9.6, 14.4, 19.2, 28.8 and 38.4 kbit/s towards the fixed network shall be provided only in non-transparent (NT) mode.

NOTE 5: - void -

NOTE 6: Only applicable in GSM.

TSG-SA WG1 (Services) meeting #11 Cape Town, South Africa, 6th – 9th February 2001

CHANGE REQUEST									CR-Form-v3			
*	TS 2	2.00	2	CR	010	жrev	-	⊭Cur	rent v	ers	4.0.0	¥
For HE	LP on ι	ısing t	his fo	rm, see b	ottom of th	is page o	r look	at the po	p-up text	over	the ₩ syr	nbols.
Proposed	change :	affect	s: #	(U)SII	М М	E/UE X	Rad	io Acces	s Networ	k	Core Ne	etwork X
Title:	ж	Clar	rificati	on on Cir	cuit Switch	ed Beare	r Serv	ices in U	MTS			
Source:	ж	SA1										
Work item	code: ^ૠ	CS	Beare	ers in UM	TS				Date: ♯	16/	02/01	
Category:	ж	С						Re	elease: ೫	RE	L-4	
		l I O Detai	F (ess A (cor B (Add C (Fui D (Edi led ex	sential con rresponds dition of fe nctional m itorial mod	to a correct eature), eodification of dification) s of the above	ion in an e		elease)	Jse <u>one</u> of 2 R96 R97 R98 R99 REL-4 REL-5	(GSM (Rele (Rele (Rele (Rele	ollowing related Phase 2) Pase 1996) Pase 1997) Pase 1998) Pase 1999) Pase 4) Pase 5)	
Reason for	Reason for change: CN3 proposed to restructure the document and to correct and adapt it to UMTS capabilities to avoid inconsistencies with 27.001, 23.910 and 29.007 which arose in the past. This CR belongs to a set of CRs that tidy up the document accordingly.											
Summary of change: ₩			 Transparent synchronous services at 48 kbit/s Deletion of 48 kbit/s for BS 30 T UDI for UMTS because there is no appropriate Radio Access Bearer (RAB) available in order to provide this service. Transparent services at 28.8 kbit/s for UDI Deletion of 28.8 kbit/s for BS 20 and BS 30 T UDI for UMTS because the idea for UMTS was to reduce the CS Bearer Services to those that are really needed. For 3.1 kHz Audio this user rate is needed because it represents the highest user rate provided by a V.34 modem that can be signalled in ISDN. For UDI this user rate is not necessary because it is possible to provide higher user rates. 									
Conseque		ж	Inco	nsistency	with 27.00	1, 23.910	and 2	29.007				
not approv	/ed:											
Clauses at	ffected:	Ж	3.1.2	2								
Other spec affected:	cs	ж	Te	est specif	specificati fications difications	ons S	€					
Other com	ments:	\mathfrak{R}										

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9.6 kbit/s	Asynch, Synch	V.110	NT or T	Note 2, 4 and 5
14.4 kbit/s	Asynch, Synch	V.110	NT or T	Note 4 and 5
19.2 kbit/s	Asynch, Synch	V.110	NT or T	Note 4 and 5
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- NOTE 5: NT is not applicable for synchronous services.
- NOTE 6: Only applicable in GSM.