# Plenary Meeting #8, Dusseldorf, Germany 21<sup>st</sup> – 23<sup>rd</sup> June 2000.

Source: TSG\_N WG "1"

Title: Alignment of ISDN BC Coding, removal of V.32bis modem type

Agenda item: 5.1.2

**Document for:** APPROVAL

#### **Introduction:**

This document contains "4" CRs on **Work Item** "TEI", that have been agreed by **TSG\_N WG** "1", and are forwarded to **TSG\_N Plenary** meeting #8 for approval.

Because it was defined in the earlier versions of the protocol the manufacturers are being asked to check that they have not implemented it.

Tdoc	Spec	CR	Rev	CAT	Rel.	Old Ver	New Ver	Subject
N1-000603	24.008	CR185		F	R99	3.3.1	3.4.0	Alignment on ISDN BC Coding
N1-000604	04.08	CRA1015		Α	R98	7.7.0	7.8.0	Alignment on ISDN BC Coding
N1-000605	04.08	CRA1017		Α	R97	6.10.0	6.11.0	Alignment on ISDN BC Coding
N1-000606	04.08	CRA1019		Α	R96	5.16.0	5.17.0	Alignment on ISDN BC Coding

# Document **N1-000603**

e.g. for 3GPP use the format TP-99xxx or for SMG, use the format P-99-xxx

		CHANGE F	REQU	JEST Pleas		file at the bottom of this w to fill in this form correctly.		
		24.008	CR	185	Current Vers	sion: 3.3.1		
GSM (AA.BB) or 3	G (AA.BBB) specifica	ation number↑		↑ CR numbe	er as allocated by MCC	support team		
For submission	meeting # here ↑	for infor		X	strate non-strate	egic X use only)		
Proposed char	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)  The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc  U)SIM X  ME X  UTRAN / Radio Core Network X							
Source:	T-Mobil				Date:	9.May.2000		
Subject:	Alignment of	n ISDN BC Codin	ıg					
Work item:	TEI							
(only one category shall be marked	B Addition of	modification of fea		ier release	X Release:	Phase 2 Release 96 Release 97 Release 98 Release 99 Release 00		
Reason for change:		/.32bis does not e nent with ISDN spo						
Clauses affecte	ed: Section	10.5.4.5 Table 1	0.112					
Other specs affected:		cifications	X	List of CRs:	Existing CR (Existing CR (Exist	07.07 A036		
Other comments:								
help.doc								

<----- double-click here for help and instructions on how to create a CR.

#### Table 10.5.112/TS 24.008: Bearer capability information element

```
Other modem type (octet 6d)
Bits
7 6
0 0
      no other modem type specified in this field
0.1
      V.32bis
1 0
      V.34
All other values are reserved.
Fixed network user rate (octet 6d)
Bit
54321
00000
             Fixed network user rate not applicable/No meaning is associated
             with this value.
             9.6 kbit/s Recommendation X.1 and V.110
00001
00010
             14.4 kbit/s Recommendation X.1 and V.110
             19.2 kbit/s Recommendation X.1 and V.110
00011
0 1 0 1 0 32.0 kbit/s Recommendation I.460 (note 2)
0 1 0 0 1 33.6 kbit/s bit transparent (note 2)
             28.8 kbit/s Recommendation X.1 and V.110
00100
00101
             38.4 kbit/s Recommendation X.1 and V.110
00110
             48.0 kbit/s Recommendation X.1 and V.110(synch) (note 1)
             56.0 kbit/s Recommendation X.1 and V.110(synch) /bit transparent
00111
01000
             64.0 kbit/s bit transparent
             33.6 kbit/s bit transparent
01001
01010
             32.0 kbit/s Recommendation I.460
All other values are reserved.
Note 1: In GSM only.
Note 2: In UMTS only
```

# Document N1-000604

e.g. for 3GPP use the format TP-99xxx or for SMG, use the format P-99-xxx

		CHANGE F	REQU	JEST Ple			le at the bottom of th to fill in this form corr	
		04.08	CR	A1015	Current	Versio	on: 7.7.0	
GSM (AA.BB) or 3G	G (AA.BBB) specifica	tion number↑		↑ CR numb	per as allocated b	by MCC s	upport team	
For submission	neeting # here↑	for information		X	strategic (for SMG use only)		nly)	
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)  The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc  U)SIM  X  WE  X  UTRAN / Radio  Core Network  X								
Source:	T-Mobil				<u> </u>	Date:	9.May.2000	
Subject:	Alignment o	n ISDN BC Codin	ng					
Work item:	TEI							
Category: A (only one category shall be marked with an X)	Correspond  Addition of  Functional	modification of fea		lier release	X	ease:	Phase 2 Release 96 Release 97 Release 98 Release 99 Release 00	X
Reason for change:  Codepoint V.32bis does not exist for Modem Type parameter in ISDN BC. In order to be in alignment with ISDN specifications it is proposed to delete in GSM BC.								
Clauses affected	d: Section	10.5.4.5 Table 1	0.112					
affected:		cifications	X -	List of CRs	Existing Existing	CR 07	7.01 A026 7.07 A036 9.07 A034	
Other comments:								
help.doc								

<----- double-click here for help and instructions on how to create a CR.

## Table 10.5.112/GSM 04.08: Bearer capability information element

Other modem type	e (octet 6d)						
Bits							
7 6							
	odem type specified in this field						
0 1 V.32bis							
1 0 V.34							
All other values ar	e reserved.						
Fixed network use	r rate (octet 6d)						
Bit							
5 4 3 2 1							
	d network user rate not applicable/No meaning is associated						
	this value.						
	kbit/s Recommendation X.1 and V.110						
	kbit/s Recommendation X.1 and V.110						
	kbit/s Recommendation X.1 and V.110						
	kbit/s Recommendation X.1 and V.110						
	0 0 1 0 1 38.4 kbit/s Recommendation X.1 and V.110						
	kbit/s Recommendation X.1 and V.110(synch) /bit transparent						
0 1 0 0 0 64.0	kbit/s bit transparent						
All other values ar	e reserved.						

# Document **N1-000605**

e.g. for 3GPP use the format TP-99xxx or for SMG, use the format P-99-xxx

		CHANGE F	REQU	EST Plea page	se see embedded e for instructions o			
		04.08	CR	A1017	Current V	ersion: (	6.10.0	
GSM (AA.BB) or S	3G (AA.BBB) specifica	ation number 1		↑ CR numbe	er as allocated by	MCC support t	eam	
For submission list expected approval	l meeting # here ↑	for ap	mation	X	non-si	trategic trategic	(for SM use on	ly)
Proposed char (at least one should be	nge affects:	(U)SIM X		xion of this form is av	N / Radio		Network	
Source:	T-Mobil				<u>Da</u>	ate: 9.M	ay.2000	
Subject:	Alignment of	n ISDN BC Codin	g					
Work item:	TEI							
(only one category shall be marked	B Addition of	modification of fea		er release	X Releas	Rele Rele Rele Rele	se 2 ase 96 ase 97 ase 98 ase 99 ase 00	X
Reason for change:		/.32bis does not e nent with ISDN spe						0
Clauses affect	ed: Section	10.5.4.5 Table 1	0.112					
Other specs affected:		cifications	$\begin{array}{c} \mathbf{X} \\ \rightarrow \\ \rightarrow \\ \rightarrow \end{array}$	List of CRs: List of CRs: List of CRs: List of CRs: List of CRs:		R 07.07 A	036	
Other comments:								
help.doc		la alkala keese Go. U	ala a di		<b>L</b>	4 05		
	< doub	le-click here for h	eip and in	structions on	now to crea	te a CR.		

## Table 10.5.112/GSM 04.08: Bearer capability information element

Other n	nodem type (octet 6d)
Bits	
7 6	
	no other modem type specified in this field
	<del>V.32bis</del>
1 0	V.34
All othe	r values are reserved.
	etwork user rate (octet 6d)
Bit	4
5 4 3 2	
0000	Fixed network user rate not applicable/No meaning is associated with this value.
0000	
0000	
0001	
0010	
0010	
0010	
0011	
0100	
	o otto koles ok kansparoni
All othe	r values are reserved.

## Document **N1-000606**

e.g. for 3GPP use the format TP-99xxx or for SMG, use the format P-99-xxx

		CHANGE I	REQU	JEST Plea pag	ase see embedded help e for instructions on how	file at the bottom of this to fill in this form correc	ctly.
		04.08	CR	A1019	Current Vers	ion: 5.16.0	
GSM (AA.BB) or 30	G (AA.BBB) specific	ation number↑		↑ CR numb	er as allocated by MCC	support team	
For submission to: TSGN#8 for approval  X strategic  (for SMG list expected approval meeting # here ↑ for information							)
Proposed chan	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)  The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc  WE X UTRAN / Radio Core Network X						
Source:	T-Mobil				Date:	9.May.2000	
Subject:	Alignment of	on ISDN BC Codir	ng				
Work item:	TEI						
(only one category shall be marked (	B Addition of	modification of fea		lier release	X Release:	Phase 2 Release 96 Release 97 Release 98 Release 99 Release 00	X
Reason for change:  Codepoint V.32bis does not exist for Modem Type parameter in ISDN BC. In order to be in alignment with ISDN specifications it is proposed to delete in GSM BC.							
Clauses affecte	ed: Section	n 10.5.4.5 Table 1	0.112				
Other specs affected:		cifications	<b>X</b> –	→ List of CRs:	Existing CR 0 Existing CR 0	7.07 A036	
Other comments:							
help.doc							

<----- double-click here for help and instructions on how to create a CR.

## Table 10.78a/GSM 04.08: Bearer capability information element

Bits	type (octet 6d)					
0 0 no oth	0.1 V.32bis					
	es are reserved.					
Bit	c user rate (octet 6d)					
5 4 3 2 1						
00000	Fixed network user rate not applicable/No meaning is associated with this value.					
0 0 0 0 1	9.6 kbit/s Recommendation X.1 and V.110					
00001	14.4 kbit/s Recommendation X.1 and V.110					
00010	19.2 kbit/s Recommendation X.1 and V.110					
00111	28.8 kbit/s Recommendation X.1 and V.110					
00101	38.4 kbit/s Recommendation X.1 and V.110					
00110	48.0 kbit/s Recommendation X.1 and V.110(synch)					
00111	56.0 kbit/s Recommendation X.1 and V.110(synch) /bit transparent					
01000	64.0 kbit/s bit transparent					
All other value	es are reserved.					