

3GPP TSG-CN Meeting #22
10th - 12th December. Maui, Hawaii.

NP-030562

Source: TSG CN WG3
Title: CRs on R99 Work Item CS Data.
Agenda item: 7.12
Document for: APPROVAL

Introduction:

This document contains 1 CRs on **R99 Work Item CS Data**, including the corresponding mirror CRs (as required).

These CR has been agreed by TSG CN WG3 and is forwarded to TSG CN Plenary meeting for approval.

WG_tdoc	Title	Spec	CR	Rev	Cat	Rel
N3-030799	Incomplete tree diagrams	27.001	104	1	F	R99

CHANGE REQUEST

⌘ **27.001 CR 104** ⌘ rev **1** ⌘ Current version: **3.13.0** ⌘

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 apps ME Radio Access Network Core Network

Title:	⌘ Incomplete tree diagrams		
Source:	⌘ TSG_CN WG3		
Work item code:	⌘ CS Data	Date:	⌘ 31/10/2003
Category:	⌘ F	Release:	⌘ R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	R96 (Release 1996)
	A (corresponds to a correction in an earlier release)	R97 (Release 1997)	R98 (Release 1998)
	B (addition of feature),	R99 (Release 1999)	Rel-4 (Release 4)
	C (functional modification of feature)	Rel-5 (Release 5)	Rel-6 (Release 6)
	D (editorial modification)		
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		

Reason for change:	⌘ At CN#20 a set of CRs titled "BC-IE alignment with 24.008" was agreed for R99, Rel-4 and Rel-5 (see N3-030380, N3-030381 and N3-030382). One of these CR's (N3-030380) was not complete. In the CR's, for MS's not supporting GSM, a note was introduced for some of the tree diagrams referring to the value "NA" for the parameter UIMI. This value is missing in several of the diagrams.
Summary of change:	⌘ <ul style="list-style-type: none"> • The value "NA" with a corresponding branch is added to the tree diagrams wherever this value is referred to in a note. • For the sake of consistency, the "NA" value is also added (without a branch) in the trees where it is missing, but not referred to, for the parameters UIMI, WAIUR.
Consequences if not approved:	⌘ Incomplete tree diagrams may, potentially, lead to incompatible implementations

Clauses affected:	⌘ B.1.2.1, B.1.2.2, B.1.2.3, B.1.2.4, B.1.3.1.2, B.1.3.2.1, B.1.3.2.2, B.1.3.2.3, B.1.8, B.1.10.2						
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;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	⌘
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<input checked="" type="checkbox"/>	Test specifications					
	<input checked="" type="checkbox"/>	O&M Specifications					
Other comments:	⌘ The changes are high-lighted with red circles that have to be removed during the final implementation of the CRs.						

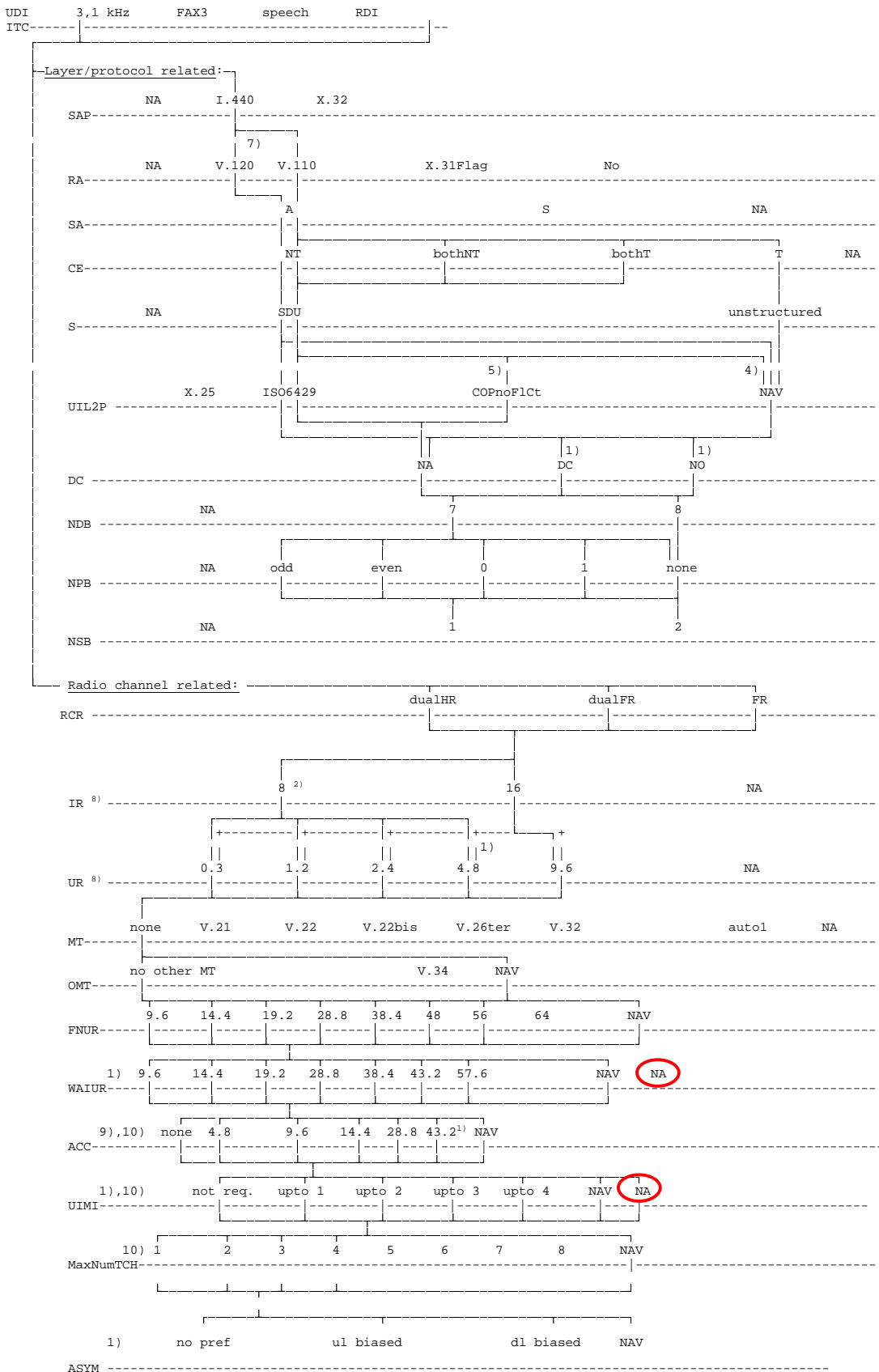
How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.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://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 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

Start of modifications

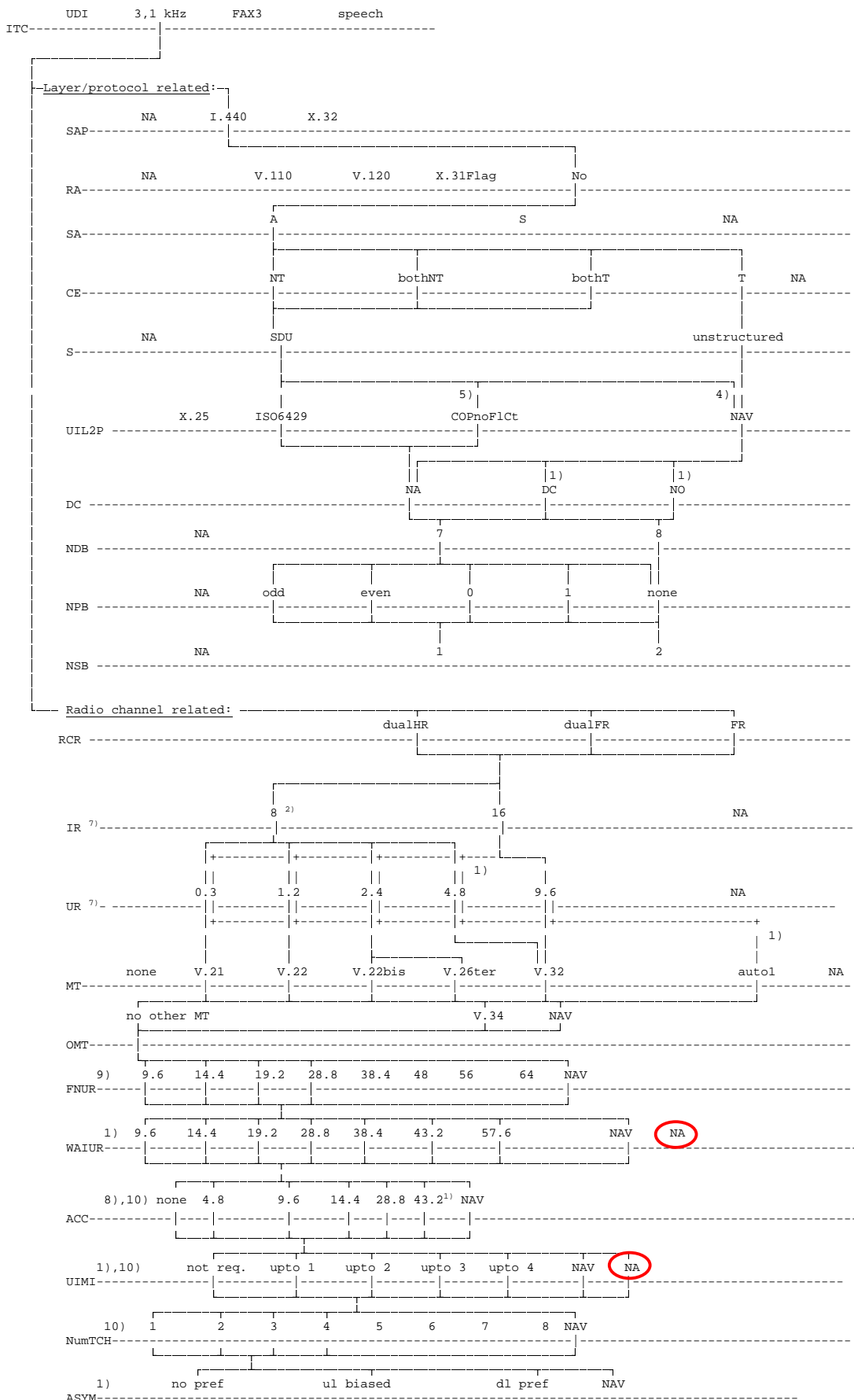
B.1.2.1 Unrestricted / restricted digital information transfer capability



- 1) for CE:NT or "both";
- 2) for CE:T only or CE:NT and NIRR:6kb/s (not for the SETUP message);
- 3) Void;
- 4) for MT CALLS in the SETUP message or MO/MT CALLS with "out-band" flow control requested;
- 5) for MO/MT CALLS with no flow control requested;
- 6) Void;
- 7) the V.120 relevant BC parameters (octet 5b) shall be set according to the LLC (see clause B.2);
- 8) IR and UR are overridden by FNUR, ACC and MaxNumTCH;
- 9) ACC may have several values simultaneously (bit map coding).
- 10) An MS not supporting GSM sets ACC to "none" and MaxNumTCH is set to "1 TCH". An MS not supporting GSM also sets ACCext (i.e. the extension bits of ACC parameter, see 3GPP TS 24.008 for its definition and values) and UIMI to zero if they are included in the PLMN BC-IE, i.e. UIMI is set to "NA" and the ACC parameter (including the ACCext bits) is set to the value "none" (all zeros).

Next modified section

B.1.2.2 3,1 kHz audio ex-PLMN information transfer capability



- 1) for CE:NT or "both";
- 2) for CE:T only or CE:NT and NIRR:6kb/s (not for the SETUP message);
- 3) Void;
- 4) for MT CALLS in the SETUP message or MO/MT CALLS with "out-band" flow control requested (not for V.21 modem type);
- 5) for MO/MT CALLS with no flow control requested;
- 6) Void;
- 7) IR and UR are overridden by FNUR, ACC and MaxNumTCH.
- 8) ACC may have several values simultaneously (bit map coding).
- 9) in case of MT = auto1 the value of FNUR has no meaning.
- 10) An MS not supporting GSM sets ACC to "none" and MaxNumTCH is set to "1 TCH". An MS not supporting GSM also sets ACCext (i.e. the extension bits of ACC parameter, see 3GPP TS 24.008 for its definition and values) and UIMI to zero if they are included in the PLMN BC-IE, i.e. UIMI is set to "NA" and the ACC parameter (including the ACCext bits) is set to the value "none" (all zeros).

Next modified section

B.1.2.3 Frame Tunnelling Mode

ITC	Oct. 3/5a	UDI	3.1 kHz	FAX3	Speech	RDI				
Layer/protocol related										
SAP	5	NA	I.440	BothNT		X.32				
RA	5	NA	PIAFS	V.110	V.120	H.223 & H.245	X.31 Flag	No		
SA	6	A	S							
CE	6c	NT	bothNT	bothT		T	NA			
S	4	NA	SDU	unstructured						
U1L2P	7	X.25		ISO6429	COPnoFlct		NAV			
DC	4	NA	DC		NO					
NDB	6a	NA	7	8						
NPB	6b	NA	odd	even	0	1	none			
NSB	6a	NA	1		2					
Radio channel related										
RCR	3	dualHR	dualFR		FR					
IR	6b	8	16				NA			
UR	6a	0.3	1.2	2.4	4.8	9.6	NA			
MT	6c	none	V.21	V.22	V.22bis	V.26ter	V.32	auto1	NA	
OMT	6d	no other MT				V.34		NAV		
FNUR	6d	9.6	14.4	19.2	28.8	38.4	48	56	64	NAV
WAIUR	6f	9.6	14.4	19.2	28.8	38.4	43.2	57.6	NA	NAV
ACC ¹⁾	6e/g	4.8	9.6	14.4	28.8	43.2	none		NAV	
UIMI	6f	not. Req.	upto 1	upto 2	upto 3	upto 4	NA		NAV	
MaxNumTCH	6e	1	2	3	4	5	6	7	8	NAV
ASYM	6g	no. pref.			u1 biased		d1 biased		NAV	

1) ACC may have several values simultaneously (bit map coding).

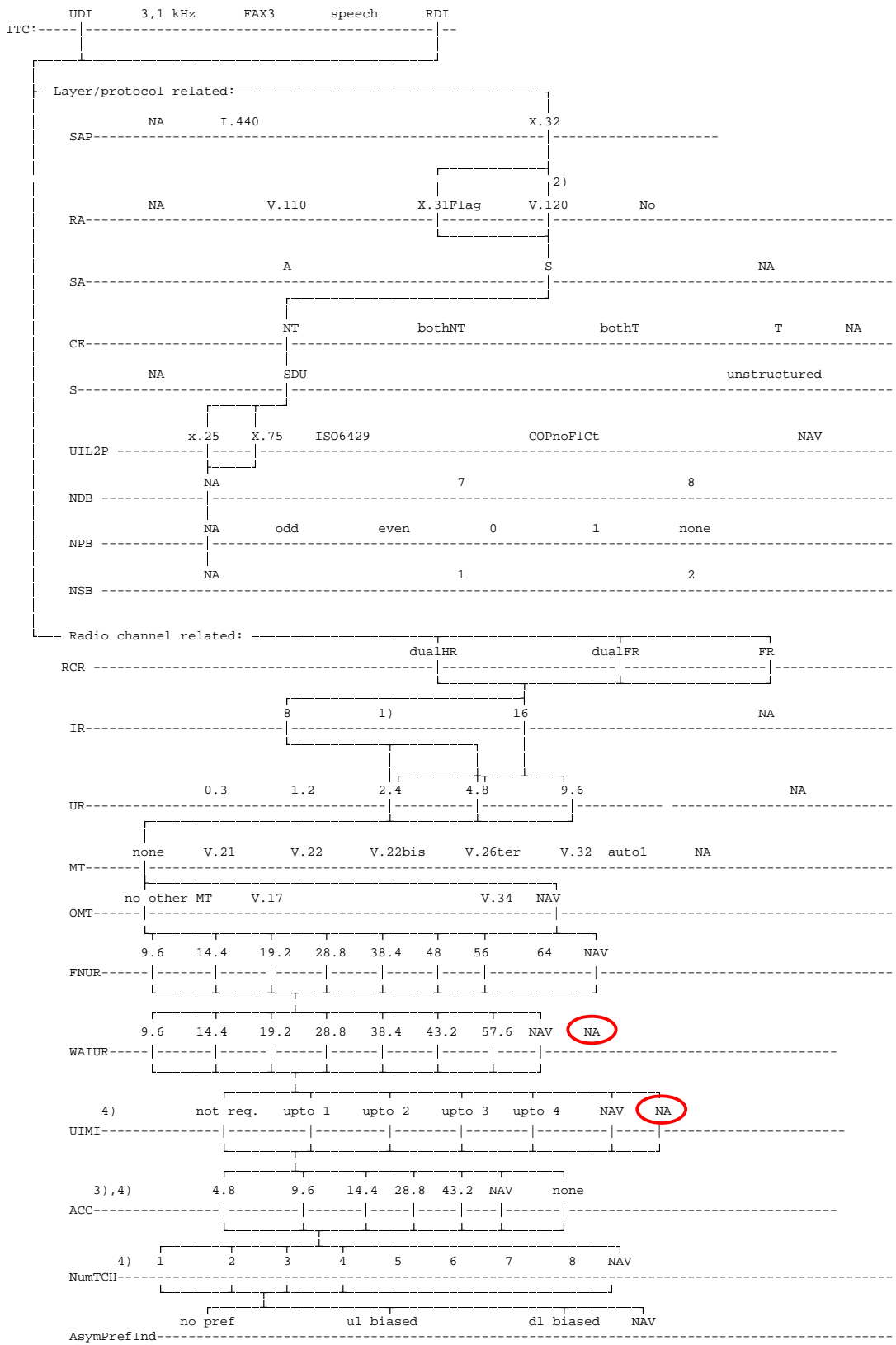
Next modified section

B.1.2.4 PIAFS

ITC	Oct. 3/5a	UDI	3.1 kHz	FAX3	Speech	RDI					
Layer/protocol related											
SAP	5	NA	I.440	BothNT		X.32					
RA	5	NA	PIAFS	V.110	V.120	H.223 & H.245	X.31 Flag	No			
SA	6	A		S							
CE	6c	NT	bothNT	bothT		T		NA			
S	4	NA	SDU	unstructured							
U1L2P	7	X.25	ISO6429	COPnoFlct				NAV			
DC	4	NA		DC		NO					
NDB	6a	NA	7		8						
NPB	6b	NA	odd	even	0	1		none			
NSB	6a	NA	1		2						
Radio channel related											
RCR	3	dualHR		dualFR		FR					
IR	6b	8		16				NA			
UR	6a	0.3	1.2	2.4	4.8	9.6		NA			
MT	6c	none	V.21	V.22	V.22bis	V.26ter	V.32	auto1	NA		
OMT	6d	no other MT				V.34			NAV		
FNUR	6d	9.6	14.4	19.2	28.8	32	33.6	48	56	64	NAV
WAIUR	6f	9.6	14.4	19.2	28.8		38.4	43.2	57.6	NA	NAV
ACC	6e/g	4.8	9.6	14.4	28.8		43.2	none			NAV
UIMI	6f	NA	not. Req.	upto 1	upto 2	upto 3	upto 4				NAV
MaxNumTCH	6e	1	2	3	4	5	6	7	8		NAV
ASYM	6g		no. pref.			u1 biased		d1 biased			NAV

Next modified section

B.1.3.1.2 X.32 Case

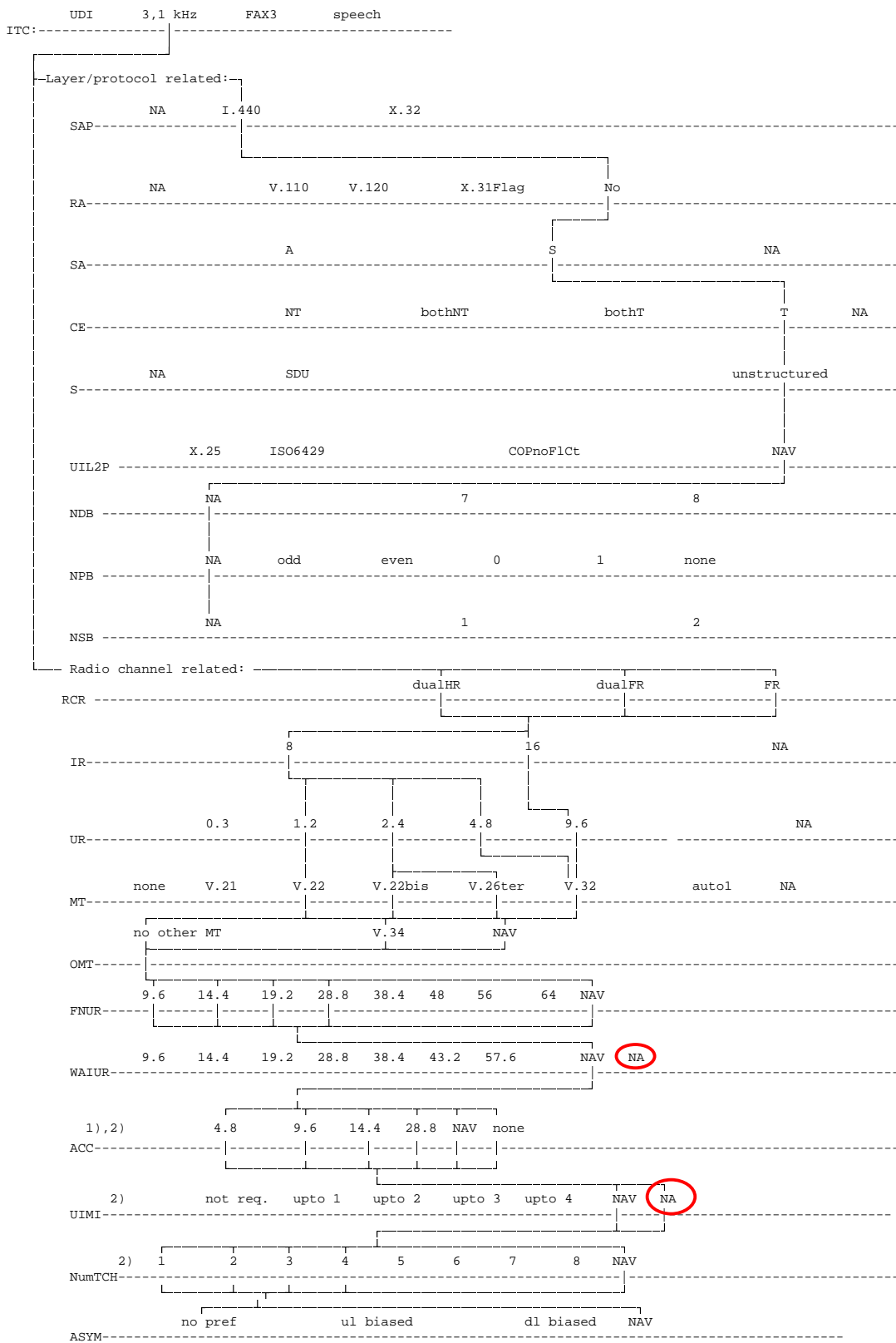


1) for NIRR:6kb/s (not for the SETUP message);

- 2) the V.120 relevant BC parameters (octet 5b) shall be set according to the LLC (see clause B.2);
- 3) ACC may have several values simultaneously (bit map coding).
- 4) An MS not supporting GSM sets ACC to “none” and MaxNumTCH is set to “1 TCH”. An MS not supporting GSM also sets ACCext (i.e. the extension bits of ACC parameter, see 3GPP TS 24.008 for its definition and values) and UIMI to zero if they are included in the PLMN BC-IE, i.e. UIMI is set to “NA” and the ACC parameter (including the ACCext bits) is set to the value “none” (all zeros).

Next modified section

B.1.3.2.1 Non-X.32 Cases

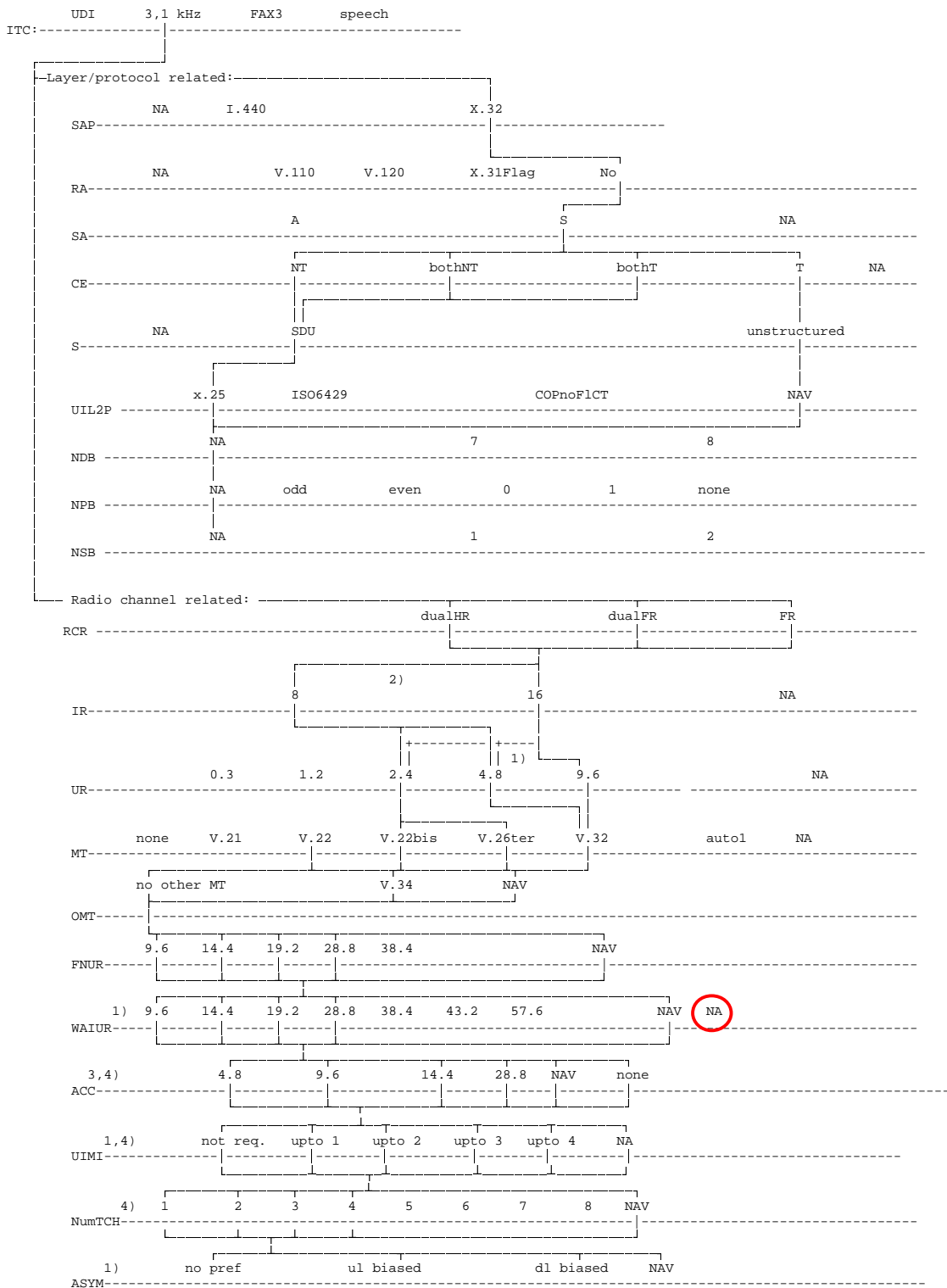


1) ACC may have several values simultaneously (bit map coding).

- 2) An MS not supporting GSM sets ACC to “none” and MaxNumTCH is set to “1 TCH”. An MS not supporting GSM also sets ACCext (i.e. the extension bits of ACC parameter, see 3GPP TS 24.008 for its definition and values) and UIMI to zero if they are included in the PLMN BC-IE, i.e. UIMI is set to “NA” and the ACC parameter (including the ACCext bits) is set to the value “none” (all zeros).

Next modified section

B.1.3.2.2 X.32 Case

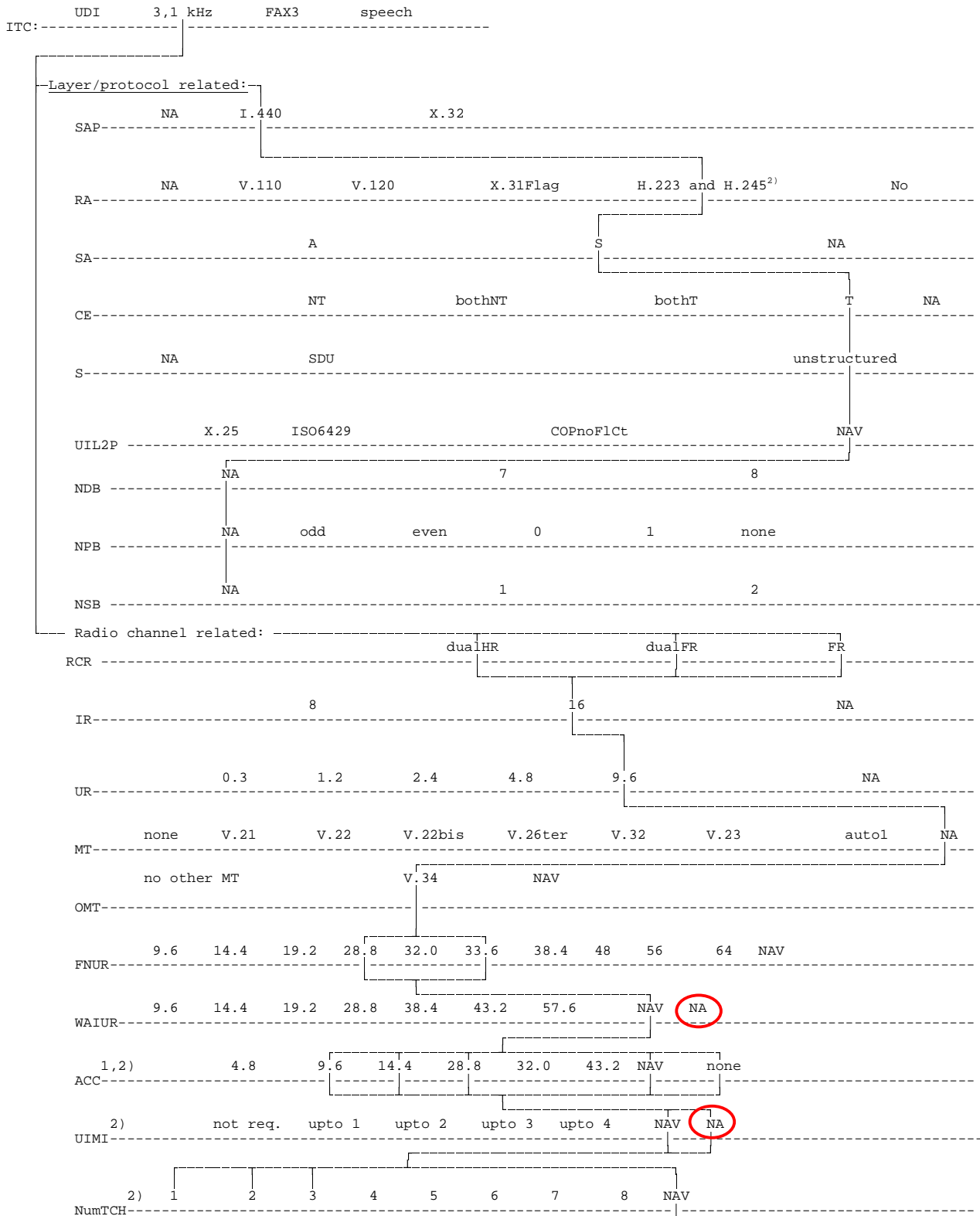


- 1) for CE:NT or "both".
- 2) for CE:T or CE:NT and NIRR:6kb/s (not for the SETUP message).
- 3) ACC may have several values simultaneously (bit map coding).
- 4) An MS not supporting GSM sets ACC to "none" and MaxNumTCH is set to "1 TCH". An MS not supporting GSM also sets ACCext (i.e. the extension bits of ACC parameter, see 3GPP TS 24.008 for its definition and

values) and UIMI to zero if they are included in the PLMN BC-IE, i.e. UIMI is set to “NA” and the ACC parameter (including the ACCext bits) is set to the value "none" (all zeros).

Next modified section

B.1.3.2.3 3G-H.324/M Case



1) ACC may have several values simultaneously (bit map coding).

- 2) An MS not supporting GSM sets ACC to “none” and MaxNumTCH is set to “1 TCH”. An MS not supporting GSM also sets ACCext (i.e. the extension bits of ACC parameter, see 3GPP TS 24.008 for its definition and values) and UIMI to zero if they are included in the PLMN BC-IE, i.e. UIMI is set to “NA” and the ACC parameter (including the ACCext bits) is set to the value “none” (all zeros).

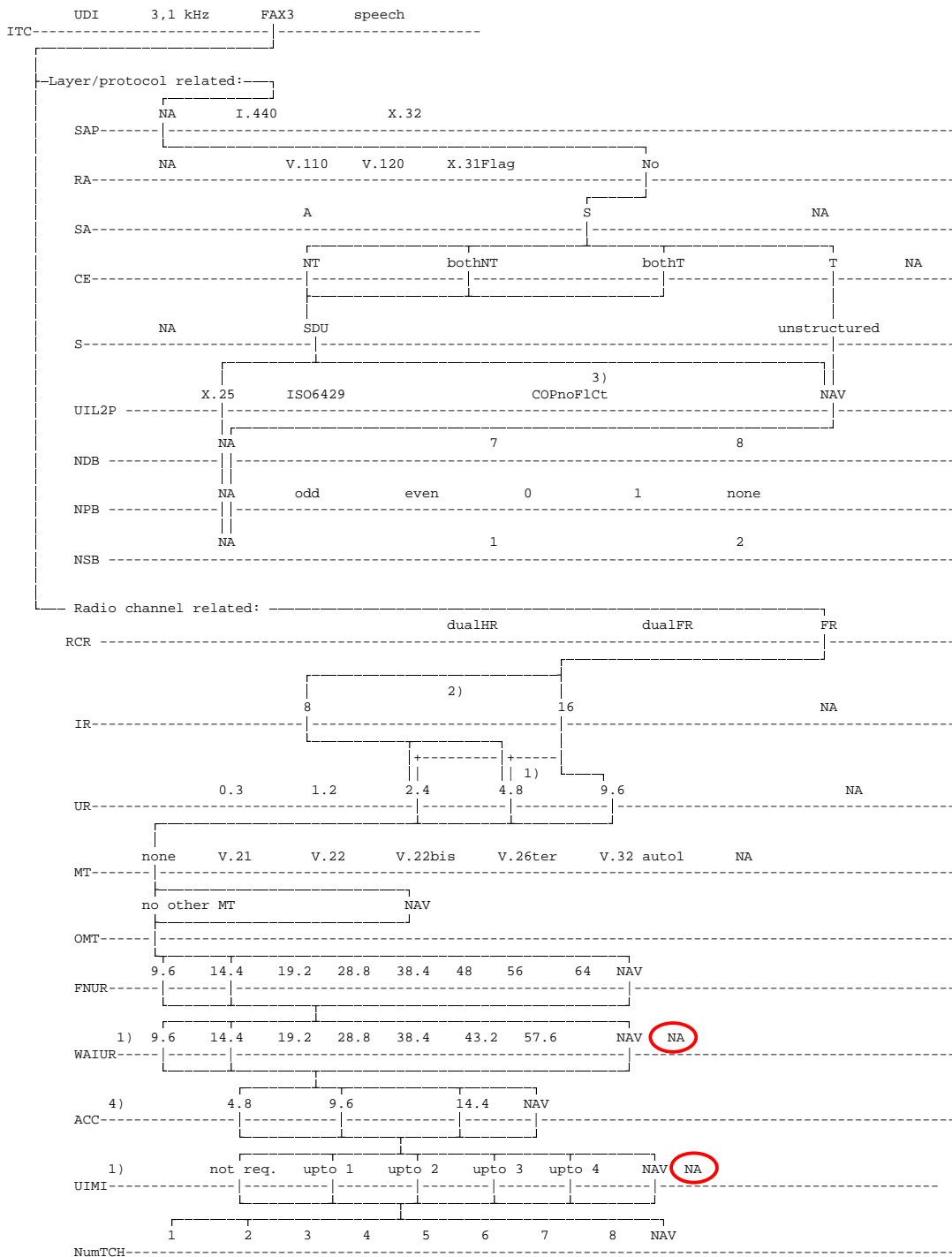
Next modified section

B.1.8 Teleservice 11 ... 12, Speech

ITC	UDI	3,1 kHz	FAX3	speech								
Layer/protocol related:												
SAP	NA	I.440			X.32							NAV
RA	NA	V.110	X.31Flag	No								NAV
SA		A		S				NA				NAV
CE		NT	bothNT	bothT		T		NA				NAV
S	NA											NAV
UIL2P	X.25	ISO6429		COPnoFlCt							NAV	
NDB	NA		7		8							NAV
NPB	NA	odd	even	none	0	1						NAV
NSB	NA		1		2							NAV
Radio channel related:												
RCR			dualHR		dualFR			FR				
IR		8		16				NA				NAV
UR		0.3	1.2	2.4	4.8	9.6						NAV
MT	none	V.21	V.22	V.22bis	V.26ter	V.32		autol		NA		NAV
OMT	no other MT	V.17			V.34							NAV
FNUR		9.6	14.4	19.2	28.8	38.4	48	56	64			NAV
WAIUR		9.6	14.4	19.2	28.8	38.4	43.2	57.6		NA		NAV
ACC			4.8	9.6	14.4							NAV
UIMI	not req.	upto 1	upto 2	upto 3	upto 4					NA		NAV
NumTCH		1	2	3	4	5	6	7	8			NAV

Next modified section

B.1.10.2 Teleservice 61, Facsimile group 3 in GSM



- 1) for CE:NT or "both";
- 2) for CE:T only;
- 3) for MT CALL in the SETUP message only;
- 4) ACC may have several values simultaneously (bit map coding).

End of modifications