# 3GPP TSG-CT Meeting #28 Quebec, Canada, 1<sup>st</sup> – 3<sup>rd</sup> June 2005.

Quebec, Canada.	1 <sup>st</sup> – 3 <sup>rd</sup>	June 2005.				Revision of C3-050	363
		CHANG	SE REQ	UEST	•	CR-Fo	rm-v7.1
<b>27</b>	7.001	CR 111	жrev	<b>2</b> **	Current vers	3.15.0 <sup> £ </sup>	
For HELP on usin				_	e pop-up text	_	
Title: 第(	Correction	n of NA value for	Data Compre	ession			
Source: # 1	NTT DoC	оМо					
Work item code: ⊯ ☐	ΓΕΙ				Date: ₩	03/06/2005	
De	se <u>one</u> of t F (corr A (corr B (ado C (fund D (edit etailed exp	the following categorection) responds to a correlition of feature), ctional modification torial modification) blanations of the ab 3GPP TR 21.900.	ction in an ear		Ph2	R99  the following release (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 5) (Release 7)	s:
Reason for change:	₩ Thic	is an essential of	correction				
Reason for change:	NP-0 Com appro R99 Cons This R99	pression to "NO oved in CN#10. H specifies that NA sequently, the NA leads to serious in needs to be corrected.	compression compression lowever, due value for DC value for DC nteroperability ected. ndors may han occur between	n not posse to misim to be "Do is differently ty problem ave alreadeen MSs	sible/allowed' plemention o C compress ent between F ns. Therefore	rield value (NA) for I of for R99 and Rel-4, f the CR only for R9 ion possible/allower R99 and Rel-4 onward the NA value for Detection of the Second Course ted the "incorrect" Na	, was 99, d". ard. DC in
Summary of change:	pc	A value for DC in ossible/allowed".				npression not ward compatibility.	
Consequences if not approved:	黑 Call s	setup requests w	ould be rejec	ted unexp	ectedly.		
Clauses affected:	器 B.1.1	1.2					
	Y N X X	Other core spec Test specificatio O&M Specificati	ns	<b></b>			

Other comments:



#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <a href="http://www.3gpp.org/specs/CR.htm">http://www.3gpp.org/specs/CR.htm</a>. 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 <a href="ftp://ftp.3gpp.org/specs/">ftp://ftp.3gpp.org/specs/</a> 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.

# ===== FIRST MODIFIED SECTION =====

## B.1.1.2 Interpretation of the Diagrams

The purpose of the subsequent diagrams is to achieve unambiguous representation of the individual contents of the PLMN BC-IE for the various occurrences during the call set-up phase, covering all bearer services and teleservices according to 3GPP TS 22.002 and 3GPP TS 22.003.

The basic principle adopted is a graphic scheme, or mask, wherein the ordinate designates the individual parameters of the PLMN BC-IE and the abscissa gives the possible field values of these parameters. The abbreviations used in these sections are defined in table B.5. The allowed content of any PLMN BC-IE is represented by a number of graphs connecting parameter values (abscissa points) of all parameters (ordinate points). Each graphic scheme is subdivided into two independent parts:

- "Layer/Protocol related" part; and
- "Radio Channel related" part.

The generation of all PLMN BC-IEs in all call set-up messages shall be in accordance with these graphs. Subclauses B.1.2 through B.1.11 show individual sets of graphs for each service group (BS/TS) and for each type of applicable Information Transfer Capability.

In addition, the following rules apply:

- Those parameters which have only one possible field value for all recognized services are shown in table B.5, where they are marked accordingly in the column "common setting of field values". They are not represented in the graphic scheme.
- Not all parameters of the PLMN BC-IE are relevant for each service (BS/TS). This is represented by specific abscissa points with a value of "NA" (Not Applicable) allocated to these parameters. The graphs pass through these points for each such parameter. The actual field value to be used in the PLMN BC-IE is marked in the column "default setting of field values (NA)" of table B.5. An abscissa point with a value of "NAV" (Not AVailable) indicates that the entire octet carrying this parameter (ref. table B.2 "General Structure of the PLMN BC-Information Element") shall be omitted.
- Unless FTM is applied, there is a particular dependency of the parameters "User Information Layer 2 Protocol (UIL2P)" and "Connection Element (CE)":
  - If the MS sends a PLMN BC-IE with a CE value other than "Transparent (T)", the parameter UIL2P is essential. Its field value must be set as indicated in the applicable graph.
  - If the MSC sends a PLMN BC-IE in the SETUP message, the parameter UIL2P may also be absent in the case of the CE parameter value being other than "Transparent (T)".
- In case FTM is applied, the PLMN BC-IE shows a CE value "non-transparent", SA value "asynchronous", and RA value X.31 flag stuffing. The UIL2P is not available.
- Certain parameters of the PLMN BC-IE may be negotiated during the connection establishment phase. Table B.1 shows these parameters and the relations of their values in the SETUP message and in the CALL CONFIRMED/CALL PROCEEDING message, respectively, both for the mobile-originated and mobile-terminated case. A parameter may indicate a field value of one of the following types:
  - "requested value" indicating a request which cannot be changed by the responding entity;
  - "offered value" indicating a proposal which may be changed by the responding entity;
  - a particular choice value leaving it up to the responding entity which value ultimately applies;
  - "as requested" indicating that the requested value applies and is confirmed (by returning it);
  - "selected value" indicating that a particular value applies either out of the offered set or as a free choice out of the defined set of values;
  - "supported value" indicating a value supported by the responding entity.

Table B.1: BC-Parameters subject to negotiation procedure

Mobile Originated Call:

	Message		
BC-parameter	SETUP	CALL PROC	
NDB	Requested value	as requested	
NPB	Requested value	as requested	
NSB	Requested value	as requested	
CE	Requested value (T/NT)	as requested	
	"both" with the preferred value indicated	selected value (T/NT)	
	(e.g. both NT)		
UIL2P	Requested value 9 or NAV 1	as requested or NAV 4)	
User Rate	Requested value	as requested	
DC	Requested value 2)	as requested or "NO" 7)	
FNUR	Requested value	supported value	
Other MT	Requested value	supported value	
UIMI	Requested value	supported value	

#### Mobile Terminated Call:

	Message		
BC-parameter	SETUP	CALL CONF	
NDB	Offered value	selected value (free choice)	
NPB	offered value	selected value (free choice)	
NSB	offered value	selected value (free choice)	
CE	requested value (T/NT)	as requested or selected value (T/NT) (free choice) 3)	
	"both" with the preferred value indicated (e.g. both NT)	selected value (T/NT)	
Sync/ Asynchronous	requested value	as requested or selected value 10)	
Rate adaptation/Other rate adaptation	requested value	as requested or selected value <sup>11)</sup>	
UIL2P	offered value 2) or NAV 4)	selected or NAV 1)	
User Rate	offered value	selected value 5)	
DC	requested value 2)	as requested or "NO" 7)	
FNUR	offered value	selected value 6)	
Other MT	offered value	selected value 6)	
UIMI	offered value	selected value 8)	

- 1) For CE:T only, out-band flow control, or RA:X.31 flag stuffing requested by the MS.
- 2) Not for CE:T.
- 3) When the SETUP message contains no BC-IE (single numbering scheme).
- 4) "NAV" shall not be interpreted as an out-band flow control request by the MS.
- 5) The modification of User Rate must be in conjunction with Modem Type and Intermediate Rate.
- The modification of the Fixed Network User Rate shall be in conjunction with the Modem Type and/or Other Modem Type.
- 7) In case of a Mobile Terminated Call, if the SETUP message does not contain a BC-IE, the MS shall behave as if the DC is set to "data compression not possible".

If a sending entity, based on an earlier version of the protocol, sends a SETUP message containing "DC.. compression possible/allowed" instead of the default value "NO.. compression not possible/allowed" as defined in Table B.5 then the receiving MS or the receiving network may ignore the DC value and may return either "NO.. compression not possible/allowed" or "DC.. compression possible/allowed" in the CALL CONF/CALL PROC message.

In case of a MO CALL or a MT CALL where no BC-IE is included in the CALL PROCEEDING or CALL CONFIRMED message, respectively, the MS or the network shall behave as if the DC was set to "data compression not possible" or "data compression not allowed", respectively.

- 8) Less or equal to the offered value.
- 9) Not for CT:T or FTM (i.e., CE:NT, SA:A, RA:X.31 flag stuffing).
- 10) For FTM and PIAFS, this parameter may be negotiated. See Table B.4e for details.

For FTM, PIAFS and Multimedia, this parameter may be negotiated. See Table B.4f for details.

Table B.2: General Structure of the BC-Information Element

OCTE:	T INFORMATIO	ON ELEMENT FIELD		
3	Radio channel requirements			
	Coding standard '			
	Transfer mode			
	Information Transfer Capability			
4	Structure	2)		
	Duplex mode			
	Configuration			
	Establishment			
	Negotiation of Intermediate Rate Requeste	ed		
	Compression			
5	Rate adaption	2)		
	Signalling access protocol			
5a	Other ITC	2) 7)		
ou .	Other rate adaption			
5b	Rate adaption header / no header	2) 3)		
OD	Multiple frame establishment support in da			
	Mode of operation	ita iirik		
	Logical link identifier negotiation			
	Assignor / assignee			
	In-band / out-band negotiation			
6	User information layer 1 protocol	2)		
ľ	Synchronous / asynchronous	,		
6a	Number of stop bits	2)		
oa	Negotiation	,		
	Number of data bits			
	User rate			
6b	Intermediate rate	2)		
OB	NIC on transmission	,		
	NIC on reception			
	Parity information			
6c	Connection element	2)		
	Modem type			
6d	Fixed network user rate	4)		
	Other modem type			
6e	Maximum number of traffic channels	4)		
	Acceptable channel codings			
6f	Wanted air interface user rate	4)		
<b> </b>	User initiated modification indication			
6g	Acceptable Channel codings	5)		
-9	Asymmetry preference indication	6)		
7	User information layer 2 protocol	1) 2)		
1)	Octets optional.			
2)	Octets only available if the parameter "Informat	ion Transfer Canability" does not indicate		
<b> </b> -'	"Speech".	ion transier oupublity does not indicate		
3)	For V.120 rate adaption only.			
4)	Optional octets available only if the parameter "Information Transfer Capability" does not indicate			
l · /	"Speech".	morniation transfer Supublify 4000 not indicate		
5)	Extension of the 'Acceptable channel codings' field in octet 6e in case EDGE channel codings			
<b>1</b> '	are supported.			
6)		cceptable channel codings'. The value shall be set		
<b>1</b> '		'no preference' in case the connection element is T.		
7)	For ITC=RDI or UIL1P=V.120, PIAFS, and 'H.2			
<i>' )</i>	1 3. 11 3 1. 11 5 1 5 1 5 1 1 1 1 5 4 1 1 1 1 5 4 1 1 1 1			

for these modem types.

Table B.3a: Selection of flow control method (for CE:NT with SA:A only)

		flow control method		·
inform	ation element	in-band	out-band (3)	none
numbe	er of data bits	7 or 8	7 or 8	7 or 8
user ir	nformation layer 2 protocol	ISO 6429 (1)	NAV	COPnoFICt (2)
1)	ISO6429 stands for "ISO 6429			
2)	COPnoFICt stands for a chara characters for flow control).	cter oriented protocol with	no flow control mechanis	m (no reserved
3)	"out-band" flow control require If the V.110 flow control mecha If the V.42 functionality is not a supported with a fallback to the temporary throughput problem to flow control the fixed network Note that a phase 1 network m fixed network modem. As V.42	anism is not supported, when supported by the modern in enor-V.42 mode. In this case on the radio interface or the modem an overflow of the property release the call, if the	nere required, the call pen in the IWF or in the fixed no case the IWF will release to initiation of flow control by the L2R buffers occurs. V.42 functionality is not pr	etwork, the call will be he call if due to y the MS and the inability ovided by the IWF or the

Table B.3b: Selection of PLMN Profile (for CE:NT with SA:S only)

Mobile Terminated Call:

BC-parameter	Message SETUP	Message CALL CONF
UIL2P	X.25	X.25 or X.75

Table B.4a: Modem Type subject to negotiation procedure

Mobile Originated Call:

	BC-parameter MT and OMT <sup>6)</sup>		
BC-parameter CE	Message SETUP	Message CALL PROC	
T	V-series	V-series	
NT	V-series	V-series	
	autobauding type 1	autobauding type 1 or V-series 1)	
bothT or bothNT	V-series	V-series ,	
	autobauding type 1	autobauding type 1 or V-series 1)2)	

Mobile Terminated Call:

	BC-parameter MT and OMT <sup>6)</sup>		
<b>BC-parameter CE</b>	Message SETUP	Message CALL CONF	
Т	V-series	V-series	
NT	V-series	V-series or autobauding type 1 <sup>3</sup> )	
	autobauding type 1	autobauding type 1 or V-series <sup>4)</sup>	
bothT or bothNT	V-series	V-series	
	autobauding type 1	autobauding type 1 or V-series <sup>4)5)</sup>	

- 1) No autobauding capability in the IWF:MSC.
- 2) CE:T selected by IWF/MSC.
- 3) Free choice if the SETUP contains no BC-IE (single numbering scheme). If the IWF/MSC has no autobauding capability, a V-series modem type is used.
- 4) When the MS does not allow the use of autobauding capability.
- 5) CE:T selected by the MS.
- When the MT indicates "autobauding", "modem for undefined interface" or "none", the OMT shall be set to "no other modem type". Any other values of the MT is overridden by the OMT value.

### Table B.4b: Intermediate Rate negotiation procedure

If the user rate is 9.6 kbit/s the intermediate rate negotiation procedure is not applicable and NIRR shall be set to "No meaning".

Recipient of SETUP supports full rate, non transparent, 6 kbit/s radio interface rate and the user rate is up to/equal 4,8 kbit/s:

BC-parameter	Message SETUP	Message CALL CONF or CALL PROC
NIRR	6 kbit/s	6 kbit/s
IR	16 kbit/s	8 kbit/s
User Rate	up to/equal 4,8 kbit/s	as requested

NOTE 1: In case of a Mobile Terminated Call, if the SETUP message does not contain a BC-IE, the MS shall behave as if NIRR set to "No meaning".

In case of a MO CALL or a MT CALL where no BC-IE is included in the CALL PROCEEDING or CALL CONFIRMED message, respectively, the MS or the network shall behave as if the NIRR was set to "No meaning".

Recipient of SETUP does support full rate, non transparent, but not in connection with 6 kbit/s radio interface rate:

BC-parameter	Message SETUP	Message CALL CONF or CALL PROC
NIRR	6 kbit/s	No meaning
IR	16 kbit/s	16 kbit/s
User Rate	up to/equal 4,8 kbit/s	as requested

NOTE 2: If no other parameter needs negotiation, the CALL CONF/PROC message need not contain any BC-IE.

In case of a MO CALL or a MT CALL where no BC-IE is included in the CALL PROCEEDING or CALL CONFIRMED message, respectively, the MS or the network shall behave as if the NIRR was set to "No meaning".

NOTE 3: In case a GBS-operation is requested and acknowledged, the MS indicates the acceptable channel codings. The indicated acceptance of TCH/F4.8 is equivalent to the support of 6 kbit/s radio interface rate per TCH/F and therefore overrides the NIRR parameter.

Table B.4c Negotiation of fixed network user rate

BC-parameter	Message SETUP	Message CALL PROC/CONFIRMED
FNUR	requested value	equal or lower than the requested value

The network might accept the modified value or reject the call.

Table B.4d Negotiation of user initiated modification indication

BC-parameter	Message SETUP	Message CALL PROC/CONFIRMED
UIMI	offered value	equal to or a value indicating a request for modification to a lower number of traffic channels than offered

Table B.4e: Negotiation of Synchronous/Asynchronous

Mobile Terminated Call:

	BC-parameter Synchronous/Asynchronous	
Bearer type	Message SETUP	Message CALL CONF
FTM <sup>1)</sup>	Synchronous	Asynchronous
PIAFS <sup>2)</sup>	Synchronous	Asynchronous

- This negotiation is possible, only if ITC=UDI or RDI, FNUR=64 or 56 kbit/sand CE=NT or "both" is signalled in the SETUP message. The MS shall signal FTM as specified in B.1.2.3.
- This negotiation is possible, only if ITC=UDI, FNUR=32 kbit/s and CE= "both" is signalled in the SETUP message. The UE shall signal PIAFS as specified in B.1.2.4

Table B.4f: Negotiation of Rate adaptation/Other rate adaptation

Mobile Terminated Call:

	BC-parameter Rate adaptation/Other rate adaptation	
Bearer type	Message SETUP	Message CALL CONF
FTM <sup>1)</sup>	V.110, I.460 and X.30	X.31 flag stuffing
PIAFS <sup>2)</sup>	V.110, I.460 and X.30	PIAFS
Multimedia	V.110, I.460 and X.30 <sup>3)</sup>	H.223 and H.245
	No rate adaptation <sup>5) 6)</sup>	H.223 and H.245

This negotiation is possible, only if ITC=UDI or RDI, FNUR=64 or 56 kbit/s and CE=NT or "both" is signalled in the SETUP message. The MS shall signal FTM as specified in B.1.2.3.

- 2) This negotiation is possible, only if ITC=UDI, FNUR=32 kbit/s and CE= "both" is signalled in the SETUP message. The UE shall signal PIAFS as specified in B.1.2.4.
- This negotiation is possible, only if ITC=UDI or RDI, FNUR=32 or 56 kbit/s and CE=T or "both" is signalled in the SETUP message. The MS shall signal 3G-H.324/M as specified in B.1.3.1.3, B.1.3.1.4 and B.1.3.1.6.
- 4) Void.
- This negotiation is possible, if ITC=3,1 kHz, FNUR=28.8 kbit/s, MT=V.34 and CE=T or "both" is signalled in the SETUP message. The MS shall signal 3G-H.324/M as specified in B.1.3.2.3.
- This negotiation is possible, if ITC=UDI or RDI, FNUR=64 or 56 kbit/s and CE=T is signalled in the SETUP message. The MS shall signal 3G-H.324/M as specified in B.1.3.1.3, B.1.3.1.4, and B.1.3.1.5

Table B.5: BC parameter setting (part 1)

	common setting of field values		
Abbreviations for Parameters and Values			1
	default setting of field values (NA)		
ITCInformation Transfer Capability:	- Speech - UDIUnrestricted Digital - FAX3Group 3 Facsimile - 3,1 kHz3,1 kHz Ex PLMN - RDIRestricted Digital	V	V
TMTransfer Mode:	- ciCircuit	x	x
SStructure:	- SDUService Data Unit Integrity - Unstructured	X	
CConfiguration:	- ppPoint to point	X	x
EEstablishment:	- deDemand	X	x
SASync/Async:	- SSynchronous - AAsynchronous		
NNegotiation	- ibnin band negotiation not possible	X	x
URUser Rate:	- 0.30.3 kbit/s - 1.21.2 kbit/s - 2.42.4 kbit/s - 4.84.8 kbit/s - 9.69.6 kbit/s	x	
IRIntermediate Rate:	- 8 8 kbit/s - 16 16 kbit/s	X	
NICTNetwork Independent Clock on Tx:	<ul><li>not_required Not required</li><li>required</li></ul>	X	х
NICRNetwork Independent Clock on Rx:	<ul><li>not_acceptednot accepted</li><li>accepted</li></ul>	Х	x
NSBNumber of Stop Bits:	- 11 bit - 22 bit	X	
NDBNumber of Data Bits Excluding Parity If Present:	- 7 7 bit - 8 8 bit	×	
NPBParity Information:	- Odd - Even - None - 0 Forced to 0 - 1 Forced to 1	x	
UIL1P.User Information Layer 1 Protocol	- defdefault layer 1 protocol	Х	x

Table B.5: BC parameter setting (part 2)

	common setting of field values		
Abbreviations for Parameters and Values	common setting of field values		
	default setting of field values (NA)		
DMDuplex Mode:	-	V	V
	- fd Full Duplex	X	X
MTModem Type:	- V.21 - V.22 - V.22 bis - V.26 ter - V.32 - auto1 autobauding type 1 - none	X	
RCRRadio Channel Requirement:	<ul> <li>FR Full Rate support only Mobile Station</li> <li>dual HR Dual Rate support Mobile Station/ Half Rate preferred</li> <li>dual FR Dual Rate support Mobile Station/ Full Rate preferred</li> </ul>		
CEConnection Element:	<ul><li>T Transparent</li><li>NT Non Transparent</li><li>bothT both transparent preferred</li><li>bothNT both non Transparent preferred</li></ul>		
UIL2P.User Information Layer 2 Protocol:	<ul> <li>ISO6429ISO6429,codeset 0,DC1/DC3</li> <li>X.25</li> <li>X.75X.75 layer 2 modified (CAPI)</li> <li>COPnoFlCtCharacter oriented protocol with no flow control mechanism</li> </ul>		
SAPSignalling Access Protocol:	- I.440 I.440/450 - X.32	X	
RARate Adaptation:	<ul> <li>V.110 V.110/X.30</li> <li>X.31Flag X.31 flagstuffing</li> <li>NO no rate adaptation</li> <li>V.120</li> <li>PIAFS</li> <li>H.223 and H.245</li> </ul>	X	
CSCoding Standard:	- GSM	Х	Х
NIRRNegotiation of Intermediate Rate Requested:	NMNo Meaning associated with this value 6kbit/s6kbit/s radio interface rate requested	X	
DCData Compression	- DC compression possible/allowed - NO compression not possible/allowed	× ×	

Table B.5: BC parameter setting (part 3)

	common setting of field values	
bbreviations for Parameters and Values		
abbreviations for Farameters and Values		
	default setting of field values (NA)	
NURFixed Network User Rate	ENLID not applicable	V
NURFIXED NELWORK USER Rate	- FNUR not applicable - 9.6 9.6 kbit/s	
	- 14.4 14.4 kbit/s	
	- 19.2. 19.2 kbit/s	
	- 28.8 28.8 kbit/s	
	- 32.0 32.0 kbit/s	
	- 33.6. 33.6 kbit/s	
	- 38.4 38.4 kbit/s	
	- 48.0 48.0 kbit/s	
	- 56.0 56.0 kbit/s	
	- 64.0 64.0 kbit/s	
VAIURWanted Air Interface User Rate	- WAIUR not applicable - 9.6 9.6 kbit/s	X
	- 9.6 9.6 kbit/s - 14.4 14.4 kbit/s	
	- 14.4 14.4 kbit/s - 19.2 19.2 kbit/s	
	- 19.2 19.2 Kbl/s - 28.8 28.8 kbit/s	
	- 26.6 26.6 Kbl/s - 38.4 38.4 kbit/s	
	- 43.2 43.2 kbit/s	
	- 57.6 57.6 kbit/s	
	- int 38.4 interpreted by the network as 38.4 kbit/s	
CCAcceptable channel codings	- 4.8 TCH/F4.8 acceptable	
	- 9.6 TCH/F9.6 acceptable	
	- 14.4TCH/F14.4 acceptable	
	- 28.8TCH/F28.8 acceptable	
	- 32.0TCH/F32.0 acceptable	
	- 43.2TCH/F43.2 acceptable	
	<ul> <li>noneNo channel coding (defined by selecting None of the above</li> </ul>	
laxNumTCHMaximum Number of Traffic		
	- 1 1 TCH	
	- 2 2 TCH	
	- 3 3 TCH	
	- 4 4 TCH	
	- 5 5 TCH	
	- 6 6 TCH - 7 7 TCH	
	- 7 7 TCH - 8 8 TCH	
MTOther modem type	- no other MT no other modem type	
	- V.34 V.34	
Ser initiated modification indication	- not req user initiated modification not required	X
	<ul> <li>upto 1 TCH user initiated modification upto</li> </ul>	
	1 TCH may be requested	
	- upto 2 TCH user initiated modification upto	
	2 TCH may be requested	
	<ul> <li>upto 3 TCH user initiated modification upto</li> </ul>	
	3 TCH may be requested	
	<ul> <li>upto 4 TCH user initiated modification upto</li> </ul>	
	4 TCH may be requested	
symmetry preference indication	- 00 no preference	
Jiou j prototorioo indiodilori		
	<ul> <li>- 01 up link biased asymmetry preferred</li> </ul>	

# **===== END OF MODIFICATION =====**