RP-030440

TSG RAN Meeting #21 Frankfurt, Germany, 16 - 19 September 2003

TitleCRs (Rel-5 only) to TS 25.423SourceTSG RAN WG3Agenda Item7.4.5

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-031030	25.423	5.6.0	5.7.0	REL-5	858	-	F	Corrections on Uplink Signalling Transfer	TEI5
R3-031167	25.423	5.6.0	5.7.0	REL-5	865	1	F	RNSAP correction for CRRM alignment	TEI5,
									RANimp-
									ImpRRM
R3-031168	25.423	5.6.0	5.7.0	REL-5	853	1	F	Correction of the Measurement Increase/Decrease Threshold IE	TEI5

3GPP TSG-RAN3 Meeting #37 Budapest, Hungary, 25th – 29th August 2003

Tdoc **#R3-031168**

		CR-Form-v7
	CHANGE REQUE	
ж	25.423 CR 853 #rev 1	# Current version: 5.6.0 #
For <u>HELP</u> on u	sing this form, see bottom of this page or look	at the pop-up text over the st symbols.
Proposed change	affects: UICC apps # ME Rad	lio Access Network X Core Network
Title: ೫	Correction of the Measurement Increase/Dec	crease Threshold IE
Source: ೫	RAN3	
Work item code: #	TEI5	Date: # 25/08/2003
Category: #	 F Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier responds to a correction in an earlier respondence of the following of th	Release: %Rel-5Use one 2of the following releases: 22(GSM Phase 2)elease)R96R97(Release 1996)R97(Release 1997)R98(Release 1998)R99(Release 1999)Rel-4(Release 4)Rel-5(Release 5)Rel-6(Release 6)
Reason for change	 # The UL Timeslot ISCP, RT Load, and N defined twice in the tabular format in the Threshold IE but only once in ASN.1. 	RT Load Information measurements are Measurement Increase/Decrease
Summary of chang	ge: % R1: "Additional Measurement Thresholds" is made. R0:	introduced. Editorial correction are
	One of the UL Timeslot ISCP, RT Load,	and NRT Load Information

 Consequences if not approved:
 #
 If this CR is not approved, misalignment between tabular format and ASN.1 is still remaining.

 Impact Analysis:
 This CR has no impact with the previous version of the specification (same release).

Clauses affected: Other specs affected:	# 9.2.1.38 # X # X Other core specifications # X Test specifications X O&M Specifications
Other comments:	ж

How to create CRs using this form:

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

9.2.1.38 Measurement Increase/Decrease Threshold

The Measurement Increase/Decrease Threshold defines the threshold that shall trigger Event C or D.

CHOICE Measurement Increase/Decrease Threshold	IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality	
->SIR M INTEGER(0.62) 0.0dB . >>SIR M INTEGER(0.62) 0.0dB .	Measurement Increase/Decrease					-		
>>SIR M INTEGER(0.62) 0: 0 dB . >SIR Error FDD Only - - - >>SIR Error M INTEGER(0.124 0: 0 dB - >>SIR Error M INTEGER(0.124 0: 0 dB - >>Transmitted Code - - - - >>Recend Power M INTEGER(0.112 0: 0 dB - :) 12: 66 dB - - - :) INTEGER(0.216 0 dB - - :) INTEGER(0.216 0 dB - - :) INTEGER(0.216 0 dB - - :) INTEGER(0.2126 0 dB - - :) INTEGER(0.2126 0 dB - - :)								
>SIR Error - - FDD Only - >>SIR Error M INTEGER(0.124 0: 0dB - >>Transmitted Code - - - - ->Transmitted Code - - - - ->Transmitted Code - - - - ->RSCP - - - - - ->RSCP - INTEGER(0.126 0 Code - - ->Rscor - - - - - ->Rscor - - - - - - ->Rscor - - - - -								
SIR Error 62: 31dB 62: 31dB >>SIR Error M INTEGER(0.124 0.0 dB - >>Transmitted Code 0.0 dB - - > Transmitted Code - - - -> RSCP M INTEGER(0.112 0.0 dB - -> RSCP M INTEGER(0.212 0.0 dB - -> SRSCP M INTEGER(0.327 0.0 chgs - -> SRound Trip Time - - - - >>Round Trip Time - - - - >>Round Trip Time - - - - >>Round Trip Time - - - <td>>>SIR</td> <td>Μ</td> <td></td> <td>INTEGER(062)</td> <td>1: 0.5 dB 2: 1 dB</td> <td>-</td> <td></td>	>>SIR	Μ		INTEGER(062)	1: 0.5 dB 2: 1 dB	-		
>>SIR Error M INTEGER(0124) 0.0 dB 2.1 dB 2.1 dB 2.1 dB - ->Transmitted Code Power M INTEGER(0124 0.0 dB 0.0 dB 2.1 dB - >>Transmitted Code Power M INTEGER(0112 0.0 dB - - >>RSCP M INTEGER(0122 0.0 dB - - >>RSCP M INTEGER(0122 0.0 dB - - >>RSCP M INTEGER(0122 0.0 dB 0.0 dB - >>RSCP M INTEGER(0122 1.0 5 dB - - >>Rsound Trip Time INTEGER(0127 1.0 5 dB 0.0 dB - - >>Round Trip Time M INTEGER(0327 66) 0.0 dB (0.028 drips) - - >>Round Trip Timesholds INTEGER(0100 10 dB Vector books drips - - >>Additional Massurement Thresholds INTEGER(0100 10 dB Units are the same as tor the Uplink Load - - >>>Transmitted Carrier Power INTEGER(0100 10 dB Units are the same as tor the Uplink Load - - >>>Transmitted Carrier Power	0/0 5				62: 31dB			
→ Transmitted Code) 1: 0.5 dB 2: 1 dB →>Transmitted Code 124: 62 dB 124: 62 dB 124: 62 dB >>Transmitted Code Power M INTEGER(0112 0: 0 dB -) 2: 1 dB 10.5 dB - -) 1: 0.5 dB - - -) 0: 0 dB - - -) 1: 0.5 dB - - -) 1: 0.5 dB - - -) 1: 0.5 dB - - - 1: 0.5 dB - - - <						-		
→ Transmitted Code Power M INTEGER(0112) 0: 0 dB - >>RSCP III: 0.5 dB - 1: 0.5 dB -) III: 0.5 dB - - - >>RSCP III: 0.5 dB - - - >>RSCP M INTEGER(0126 0: 0 dB - -) III: 0.5 dB - - - - >>Round Trip Time INTEGER(0126 0: 0 dB - - - INTEGER(0327 66) 0: 0 chips - - - Time INTEGER(0327 0: 0 chips - - - - >>Round Trip Time INTEGER(0327 0: 0 chips -	>>SIR Error	M		INTEGER(0124)	1: 0.5 dB 2: 1 dB	-		
Power >>Transmitted Code PowerMINTEGER(0112)0: 0 dB 1: 0.5 dB 2: 1 dB)- $>RSCP$ Image: constraint of the second se					124: 62 dB			
>>Transmitted Code Power M INTEGER(0112) 0: 0 dB 1: 0.5 dB 2: 1 dB) - >>RSCP TDD Only - - - >>RSCP NTEGER(0126 0: 0 dB 1: 0.5 dB 2: 1 dB - - - >>RSCP M INTEGER(0126 0: 0 dB 2: 1 dB - - >>Round Trip Time INTEGER(0126 0: 0 chips - - >>Round Trip Time INTEGER(0327 66) 0: 0 chips - 2: 0 1250 chips - - - 2: 0 1250 chips - - - Measurement Thresholds INTEGER(0100 0: 0 chips Units are the same as - - >>Load M INTEGER(0100 0: 0 chips Units are the same as - - >>>Load M INTEGER(0100 0: 0 chips - - >>>Transmitted Carrier Power - - - - >>>Fransmitted Carrier Power - - - - >>>Received Total Wide Band Power M INTEGER(0620 0: 0dB 1: 0.1dB 2: 0.2dB - - -						-		
Code Power ,) 1: 0.5 dB 2: 1 dB →RSCP INTEGER(0126 1: 0.5 dB 1: 0.5 dB >>RSCP INTEGER(0126 0: 0 dB 1: 0.5 dB >>RscP INTEGER(0126 0: 0 dB 1: 0.5 dB >>Round Trip Time INTEGER(0126 0: 0 dB 1: 0.5 dB >>Round Trip Time INTEGER(0327 0: 0 dIps 1: 0.5 dB >>Round Trip Time INTEGER(0327 0: 0 dips 1: 0.5 dB >>Round Trip Time INTEGER(0327 0: 0 dips 1: 0.5625 dips >>Lood INTEGER(0100 S2766: 2047.875 1: 0.1625 dips >>Load INTEGER(0100 Units are the same as for the Uplink Load 1 >>>Load INTEGER(0100 Units are the same as for the Uplink Load 1 >>>Load INTEGER(0100 According to mapping in [23] and [24]. 1 >>>Load INTEGER(0200 1: 0.1dB 1 1 >>>Load INTEGER(0200 1: 0.1dB 1 1 >>>Calditional INTEGER(0200 1: 0.1dB		М		INTEGER(0112	0: 0 dB	-		
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>>RSCP M INTEGER(0126 0: 0 dB - :0.5 dB :10.5 dB					112: 56 dB			
→Round Trip Time) 1: 0.5 dB ->Round Trip Time M INTEGER(0327 0: 0 chips Time M INTEGER(0327 0: 0 chips 2: 0.1250 chips 3: 0.0625 chips <td></td> <td></td> <td></td> <td></td> <td>TDD Only</td> <td>-</td> <td></td>					TDD Only	-		
->Round Trip Time 126: 63 dB - >>Round Trip Time FDD Only - >>Round Trip M INTEGER(0327 0: 0 chips - 1me INTEGER(0327 0: 0 chips - - 2: 0.1250 chips - - - - 32766: 2047.875 - - - - ->Load - - - - ->>Load NTEGER(0100 Units are the same as for the Uplink Load Value IE and Dowlink Load Value IE and Dowlink Load Value IE. - ->>Transmitted - - - - 2>>Transmitted - - - - ->>Transmitted - - - - ->>Transmitted - - - - ->>Received M INTEGER(0100 According to mapping in [23] and [24]. - - ->>Received M INTEGER(0620 0: 0dB YES reject in [20] ->>Received M INTEGER(0620	>>RSCP	Μ			1: 0.5 dB 2: 1 dB	-		
>>Round Trip Time M INTEGER(0327 66) 0: 0 chips 1: 0.0625 chips 2: 0.1250 chips 2: 0.1250 chips - >Additional Measurement Thresholds ::::::::::::::::::::::::::::::::::::					126: 63 dB			
Time 66) 1: 0.0625 chips 2: 0.1250 chips >Additional Measurement Thresholds	->Round Trip Time					-		
>Additional Measurement Thresholds = = = ->>Load INTEGER(0100) Units are the same as for the Uplink Load Value IE and Dowlink Load Value IE. - ->>Transmitted Carrier Power INTEGER(0100) Units are the same as for the Uplink Load Value IE and Dowlink Load Value IE. - ->>Transmitted Carrier Power INTEGER(0100) According to mapping in [23] and [24]. YES reject ->>Received Total Wide Band Power INTEGER(0620) 0: 0dB 1: 0.1dB 2: 0.2dB 620: 62dB YES reject ->>UL Timeslot ISCP INTEGER(0126) 0: 0dB 1: 0.5dB 2: 1dB 126: 63dB YES reject		м			1: 0.0625 chips 2: 0.1250 chips 32766: 2047.875	-		
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Total Wide Band PowerMINTEGER(0620)0: 0dB 1: 0.1dB 2: 0.2dB 620: 62dBYESreject>>UL Timeslot ISCPINTEGER(0126)0: 0dB 1: 0.1dB 2: 0.2dB 620: 62dBYESreject>>UL Timeslot ISCPINTEGER(0126)0: 0dB 1: 0.5dB 2: 1dB 1: 0.5dB 2: 1dBYESreject	<u>></u> >>Transmitt ed Carrier	Μ		INTEGER(0100)		YES	reject	
Total Wide Band Power) 1: 0.1dB 2: 0.2dB 620: 62dB ->>UL Timeslot ISCP TDD Only >>>UL INTEGER(0126 0: 0dB 0: 0dB YES reject ISCP 1: 0.5dB 2: 1dB ISCP 126: 63dB	Total Wide Band Power					-		
→>UL Timeslot ISCP TDD Only - ≥>>UL Timeslot ISCP INTEGER(0126) 0: 0dB 1: 0.5dB 2: 1dB 126: 63dB YES reject	Total Wide	M		INTEGER(0620)	1: 0.1dB 2: 0.2dB	YES	reject	
ISCP INTEGER(0126 0: 0dB YES reject >>>UL Timeslot ISCP INTEGER(0126 0: 0dB YES reject 1: 0.5dB 2: 1dB 126: 63dB	SIII Timeslet				620: 62dB			
≥>>UL Timeslot ISCP ISCP INTEGER(0126 0: 0dB YES reject 1: 0.5dB 2: 1dB 126: 63dB								
	<u>></u> >>UL Timeslot			INTEGER(0126)	1: 0.5dB	YES	reject	
>>RT Load -					126: 63dB			
	>RT Load					-		

>>>RT Load	Μ	INTEGER(0100	Units are the same as	YES	reject
	101		for the Uplink RT	TLO	reject
)	Load Value IE and		
			Downlink RT Load		
NOT			Value IE.		
>-NRT Load				-	
Information					
<u>></u> >>NRT	М	INTEGER(03)		YES	reject
Load					
Information					
->UL Timeslot			TDD Only	-	
ISCP					
>>UL Timeslot	M	INTEGER(0127	According to mapping	YES	reject
ISCP)	in [24]		-
>RT Load				-	
>>RT Load	M	INTEGER(0100	Units are the same as	YES	reject
		· · ·	for the Uplink RT		-
			Load Value IE and		
			Downlink RT Load		
			Value IE.		
> NRT Load				_	
Information					
>>NRT Load	M	INTEGER(03)		YES	reject
Information					

3GPP TSG-RAN3 Meeting #37 Budapest, Hungary, 25th – 29th August 2003

Tdoc #R3-031030

			CH	IANGE	REQ	UE	ST				CR-Form-v7
¥		25.423	CR	858	жrev	-	ж	Current vers	ion:	5.6.0	ж
For <u>HELP</u> or	า นร	sing this for	rm, see bo	ottom of this	s page or	look	at th	e pop-up text	over th	ne ¥ syn	nbols.
Proposed chang	je a	affects:	JICC app	s #	ME	Rad	dio A	ccess Networ	k X	Core Ne	twork
Title:	ж	Correctio	<mark>ns on Upl</mark> i	ink Signallii	ng Tranfe	er					
Source:	ж	RAN3									
Work item code:	ж	TEI5						Date: ೫	19/08	8/2003	
Category:	ж	Use <u>one</u> of F (con A (con B (add C (fun D (edi	rection) responds t dition of fea ctional modi torial modil olanations	<i>dification of f</i> fication) of the above	n in an ea ^f eature)			R97 R98 R99	the follo (GSM F (Releas (Releas (Releas	owing rele Phase 2) se 1996) se 1997) se 1998) se 1999) se 4) se 5)	ases:

Reason for change: ೫	Some errors have been found:
	Non-applicable TDD fields have been included in UPLINK SIGNALLING TRANSFER INDICATION FDD-message. A simmetric error was done for the TDD Message. The fields are not applicable because those messages only carry information related to one cell and its particular technology/mode. Moreover, some editorial corrections and clarifications can be done.
Summary of change: #	 "Cell Capability Container TDD" and "Cell Capability Container TDD LCR" are deleted from the FDD message. "Cell Capability Container FDD" is deleted from the TDD Message.
	Editorial corrections and clarifications are included.
	Impact Analysis: Impact assessment towards the previous version of the specification (same release):
	This CR has isolated impact with the previous version of the specification (same release) because only UPLINK SIGNALLING TRANSFER INDICATION message is affected.
Consequences if % not approved:	Some redundant fields would remain in the specification, some ambiguities would remain.

Clauses affected:	8 8.2.1.2, 9.1.24.1, 9.1.24.2, 9.2.1.41B, 9.3.3
Other specs affected:	YNXOther core specifications%XTest specificationsXO&M Specifications
Other comments:	¥

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked **#** contain pop-up help information about the field that they are closest to.
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- 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.

*** Unchanged text is omitted ***

8.2.1 Uplink Signalling Transfer

8.2.1.1 General

The procedure is used by the DRNC to forward a Uu message received on the CCCH to the SRNC.

This procedure shall use the connectionless mode of the signalling bearer.

8.2.1.2 Successful Operation

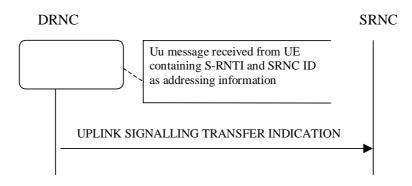


Figure 1: Uplink Signalling Transfer procedure, Successful Operation

When the DRNC receives an Uu message on the CCCH in which the UE addressing information is U-RNTI, i.e. S-RNTI and SRNC-ID, DRNC shall send the UPLINK SIGNALLING TRANSFER INDICATION message to the SRNC identified by the SRNC-ID received from the UE.

If at least one URA Identity is being broadcast in the cell where the Uu message was received (the accessed cell), the DRNC shall include a URA Identity for this cell in the *URA ID* IE, the *Multiple URAs Indicator* IE indicating whether or not multiple URA Identities are being broadcast in the accessed cell, and the RNC Identity of all other RNCs that are having at least one cell within the URA where the Uu message was received in the *URA Information* IE in the UPLINK SIGNALLING TRANSFER INDICATION message.

The DRNC shall include in the message the C-RNTI that it allocates to identify the UE in the radio interface in the accessed cell. If there is no valid C-RNTI for the UE in the accessed cell, the DRNS shall allocate a new C-RNTI for the UE. If the DRNS allocates a new C-RNTI it shall also release any C-RNTI previously allocated for the UE.

If the DRNS has any RACH, [FDD - CPCH], and/or FACH resources allocated for the UE identified by the U-RNTI in another cell than the accessed cell in which the Mac SDU sizes, flow control settings (including credits) and/or transport bearer are different from those in the old cell, then the DRNS shall not include the *Common Transport Channel Resources Initialisation not Required* IE in the UPLINK SIGNALLING TRANSFER INDICATION message. In addition the DRNS shall release these RACH, [FDD - CPCH,] and/or FACH resources in old cell.

If the DRNS has any RACH, [FDD - CPCH], and/or FACH resources allocated for the UE identified by the U-RNTI in another cell than the accessed cell in which the Mac SDU sizes, flow control settings (including credits) and transport bearer are the same as in the old cell, there is no need for Common Transport Channel Resources Initialisation to be initiated. In that case, DRNC may include the *Common Transport Channel Resources Initialisation not Required* IE in the UPLINK SIGNALLING TRANSFER INDICATION message. In addition, the DRNS shall move these RACH, [FDD - CPCH,] and/or FACH resources to the new cell. If no Common Transfer Channel Resources Initialisation procedure is executed, the currently applicable Mac SDU sizes, flow control settings (including credits) and transport bearer shall continue to be used while the UE is in the new cell.

If no context exists for this UE in the DRNC, the DRNC shall create a UE Context for this UE, allocate a D-RNTI for the UE Context, and include the *D-RNTI* IE and the identifiers for the CN CS Domain and CN PS Domain that the DRNC is connected to in the UPLINK SIGNALLING TRANSFER INDICATION message. These CN Domain Identifiers shall be based on the LAC and RAC respectively of the cell where the message was received from the UE.

Depending on local configuration in the DRNS, it may include the geographical co-ordinates of the cell, represented either by the *Cell GAI* IE or by the *Cell GA Additional Shapes* IE, in which the Uu message was received in the

UPLINK SIGNALLING TRANSFER INDICATION message. If the DRNC includes the *Cell GA Additional Shapes* IE in the UPLINK SIGNALLING TRANSFER INDICATION message, it shall also include the *Cell GAI* IE.

[FDD - The DRNC shall include the *DPC Mode Change Support Indicator* IE in the UPLINK SIGNALLING TRANSFER INDICATION message if the accessed cell supports DPC mode change.]

[FDD- The DRNC shall include the *Flexible Hard Split Support Indicator* IE in the UPLINK SIGNALLING TRANSFER INDICATION message if the accessed cell supports TFCI flexible hard split mode.]

The DRNC shall include [FDD - the *Cell Capability Container FDD* IE], [3.84Mcps TDD - the *Cell Capability Container TDD* IE] and/or-[1.28Mcps TDD - the *Cell Capability Container TDD* LCR IE] in the UPLINK SIGNALLING TRANSFER INDICATION message if the accessed cell supports any functionalities listed in [FDD - 9.2.2.D], [3.84Mcps TDD - 9.2.3.1a] and [1.28-Mcps -TDD <u>-</u>9.2.3.1b].

If available, the DRNC shall include the SNA Information IE for the concerned cell.

When receiving the *SNA Information* IE, the SRNC should use it to restrict cell access based on SNA information. See also [40] for a broader description of the SNA access control.

*** Unchanged text is omitted ***

9.1.24 UPLINK SIGNALLING TRANSFER INDICATION

9.1.24.1 FDD Message

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
Message Type	Μ		9.2.1.40		YES	ignore
Transaction ID	Μ		9.2.1.59		-	
UC-ID	Μ		9.2.1.71		YES	ignore
SAI	Μ		9.2.1.52		YES	ignore
Cell GAI	0		9.2.1.5A		YES	ignore
C-RNTI	Μ		9.2.1.14		YES	ignore
S-RNTI	Μ		9.2.1.54		YES	ignore
D-RNTI	0		9.2.1.24		YES	ignore
Propagation Delay	М		9.2.2.33		YES	ignore
STTD Support Indicator	Μ		9.2.2.45		YES	ignore
Closed Loop Mode1 Support Indicator	М		9.2.2.2		YES	ignore
Closed Loop Mode2 Support Indicator	М		9.2.2.3		YES	ignore
L3 Information	М		9.2.1.32		YES	ignore
CN PS Domain Identifier	0		9.2.1.12		YES	ignore
CN CS Domain Identifier	0		9.2.1.11		YES	ignore
URA Information	0		9.2.1.70B		YES	ignore
Cell GA Additional Shapes	0		9.2.1.5B		YES	ignore
DPC Mode Change Support Indicator	0		9.2.2.56		YES	ignore
Common Transport Channel Resources Initialisation not required	0		9.2.1.12F		YES	Ignore
Cell Capability Container FDD	0		9.2.2.D		YES	ignore
Cell Capability Container TDD	Ð		9.2.3.1a		YES	ignore
Cell Capability Container TDD	θ		9.2.3.1b		YES	ignore
SNA Information	0		9.2.1.52Ca		YES	ignore

9.1.24.2 TDD Message

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
Message Type	Μ		9.2.1.40		YES	ignore
Transaction ID	Μ		9.2.1.59		-	
UC-ID	Μ		9.2.1.71		YES	ignore
SAI	Μ		9.2.1.52		YES	ignore
Cell GAI	0		9.2.1.5A		YES	Ignore
C-RNTI	Μ		9.2.1.14		YES	ignore
S-RNTI	Μ		9.2.1.54		YES	ignore
D-RNTI	0		9.2.1.24		YES	ignore
Rx Timing Deviation	Μ		9.2.3.7A		YES	ignore
L3 Information	Μ		9.2.1.32		YES	ignore
CN PS Domain Identifier	0		9.2.1.12		YES	ignore
CN CS Domain Identifier	0		9.2.1.11		YES	ignore
URA Information	0		9.2.1.70B		YES	ignore
Cell GA Additional Shapes	0		9.2.1.5B		YES	ignore
Common Transport Channel Resources Initialisation not required	0		9.2.1.12F		YES	ignore
Cell Capability Container FDD	θ		9.2.2.D		YES	ignore
Cell Capability Container TDD	0		9.2.3.1a	Applicable to 3.84Mcps TDD only	YES	ignore
Cell Capability Container TDD LCR	0		9.2.3.1b	Applicable to 1.28Mcps TDD only	YES	ignore
SNA Information	0		9.2.1.52Ca		YES	ignore

*** Unchanged text is omitted ***

9.2.1.41B Neighbouring FDD Cell Information

The *Neighbouring FDD Cell Information* IE provides information for FDD cells that are a neighbouring cells to a cell in the DRNC.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
Neighbouring FDD Cell Information		1 <max noofFDD neighbou rs></max 			-	
>C-ID	М		9.2.1.6		_	
>UL UARFCN	М		UARFCN 9.2.1.66	Corresponds to Nu in ref. [6]	_	
>DL UARFCN	М		UARFCN 9.2.1.66	Corresponds to Nd in ref. [6]	-	
>Frame Offset	0		9.2.1.30		-	
>Primary Scrambling Code	М		9.2.1.45		_	
>Primary CPICH Power	0		9.2.1.44		-	
>Cell Individual Offset	0		9.2.1.7		-	
>Tx Diversity Indicator	Μ		9.2.2.50			
>STTD Support Indicator	0		9.2.2.45		-	
>Closed Loop Mode1 Support Indicator	0		9.2.2.2		-	
>Closed Loop Mode2 Support Indicator	0		9.2.2.3		-	
>Restriction State Indicator	0		9.2.1.48C		YES	ignore
>DPC Mode Change Support Indicator	0		9.2.2.56		YES	ignore
>Coverage Indicator	0		9.2.1.12G		YES	ignore
>Antenna Co-location Indicator	0		9.2.1.2C		YES	ignore
>HCS Prio	0		9.2.1.30N		YES	ignore
>Cell Capability Container FDD	0		9.2.2.D		YES	ignore
SNA Information	0		9.2.1.52Ca		YES	ignore

Range bound	Explanation
maxnoofFDDneighbours	Maximum number of neighbouring FDD cell for one cell.

*** Unchanged text is omitted ***

9.3.3 PDU Definitions

```
-- UPLINK SIGNALLING TRANSFER INDICATION FDD
   UplinkSignallingTransferIndicationFDD ::= SEQUENCE {
                               ProtocolIE-Container
                                                        {{UplinkSignallingTransferIndicationFDD-IEs}},
   protocolIEs
                               ProtocolExtensionContainer {{UplinkSignallingTransferIndicationFDD-Extensions}}
   protocolExtensions
                                                                                                                      OPTIONAL
   . . .
UplinkSignallingTransferIndicationFDD-IEs RNSAP-PROTOCOL-IES ::= {
     ID id-UC-ID
                               CRITICALITY ignore TYPE UC-ID
                                                                          PRESENCE mandatory }
                                                                      PRESENCE mandatory
     ID id-SAI
                            CRITICALITY ignore TYPE SAI
                                                                      PRESENCE optional }
     ID id-GA-Cell
                            CRITICALITY ignore TYPE GA-Cell
     ID id-C-RNTI
                               CRITICALITY ignore TYPE C-RNTI
                                                                          PRESENCE mandatory
                               CRITICALITY ignore TYPE S-RNTI
                                                                          PRESENCE mandatory
     ID id-S-RNTI
     ID id-D-RNTI
                               CRITICALITY ignore TYPE D-RNTI
                                                                          PRESENCE optional
     ID id-PropagationDelay
                               CRITICALITY ignore TYPE PropagationDelay
                                                                          PRESENCE mandatory
                                          CRITICALITY ignore TYPE STTD-SupportIndicator PRESENCE mandatory }
     ID id-STTD-SupportIndicator
     ID id-ClosedLoopModel-SupportIndicator CRITICALITY ignore TYPE ClosedLoopModel-SupportIndicator PRESENCE mandatory }
     ID id-ClosedLoopMode2-SupportIndicator CRITICALITY ignore TYPE ClosedLoopMode2-SupportIndicator PRESENCE mandatory }
     ID id-L3-Information
                                   CRITICALITY ignore TYPE L3-Information PRESENCE mandatory } |
     ID id-CN-PS-DomainIdentifier
                                      CRITICALITY ignore TYPE CN-PS-DomainIdentifier
                                                                                      PRESENCE optional }
     ID id-CN-CS-DomainIdentifier
                                      CRITICALITY ignore TYPE CN-CS-DomainIdentifier
                                                                                      PRESENCE optional }
     ID id-URA-Information
                                      CRITICALITY ignore TYPE URA-Information
                                                                                         PRESENCE optional },
   . . .
UplinkSignallingTransferIndicationFDD-Extensions RNSAP-PROTOCOL-EXTENSION ::= {
     ID id-GA-CellAdditionalShapes
                                      CRITICALITY ignore EXTENSION GA-CellAdditionalShapes
                                                                                           PRESENCE optional }
                                                                          DPC-Mode-Change-SupportIndicator
     ID id-DPC-Mode-Change-SupportIndicator CRITICALITY ignore EXTENSION
                                                                                                           PRESENCE optional }
    ID id-CommonTransportChannelResourcesInitialisationNotRequired
                                                               CRITICALITY ignore EXTENSION
{\tt CommonTransportChannelResourcesInitialisationNotRequired}
                                                        PRESENCE optional }
     ID id-CellCapabilityContainer-FDD
                                      CRITICALITY ignore EXTENSION CellCapabilityContainer-FDD
                                                                                              PRESENCE optional }
     TD id CollComphilityContainor
     ID id CellCanabili
                                   LCB CRITICALITY
    ID id-SNA-Information
                                      CRITICALITY ignore
                                                                                           PRESENCE optional },
                                                             EXTENSION SNA-Information
   . . .
       UPLINK SIGNALLING TRANSFER INDICATION TDD
     *******
```

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```
UplinkSignallingTransferIndicationTDD ::= SEQUENCE {
   protocolIEs
                                    ProtocolIE-Container
                                                               {{UplinkSignallingTransferIndicationTDD-IEs}},
   protocolExtensions
                                    ProtocolExtensionContainer {{UplinkSignallingTransferIndicationTDD-Extensions}}
                                                                                                                                      OPTIONAL.
    . . .
UplinkSignallingTransferIndicationTDD-IEs RNSAP-PROTOCOL-IES ::= {
     ID id-UC-ID
                                    CRITICALITY ignore TYPE UC-ID
                                                                                    PRESENCE mandatory }
     ID id-SAI
                                CRITICALITY ignore TYPE SAI
                                                                                PRESENCE mandatory
                                                                                PRESENCE optional }
     ID id-GA-Cell
                                CRITICALITY ignore TYPE GA-Cell
                                                                                    PRESENCE mandatory
     ID id-C-RNTI
                                    CRITICALITY ignore TYPE C-RNTI
                                                                                    PRESENCE mandatory
     ID id-S-RNTI
                                    CRITICALITY ignore TYPE S-RNTI
     ID id-D-RNTI
                                    CRITICALITY ignore TYPE D-RNTI
                                                                                    PRESENCE optional
     ID id-RxTimingDeviationForTA
                                            CRITICALITY ignore TYPE RxTimingDeviationForTA PRESENCE mandatory }
                                                                                            PRESENCE mandatory
     ID id-L3-Information
                                        CRITICALITY ignore TYPE L3-Information
     ID id-CN-PS-DomainIdentifier
                                            CRITICALITY ignore TYPE CN-PS-DomainIdentifier
                                                                                                  PRESENCE optional
     ID id-CN-CS-DomainIdentifier
                                            CRITICALITY ignore TYPE CN-CS-DomainIdentifier
                                                                                                  PRESENCE optional
                                            CRITICALITY ignore TYPE URA-Information
                                                                                                     PRESENCE optional },
     ID id-URA-Information
    . . .
UplinkSignallingTransferIndicationTDD-Extensions RNSAP-PROTOCOL-EXTENSION ::= {
                                                                                                        PRESENCE optional } |
     ID id-GA-CellAdditionalShapes
                                            CRITICALITY ignore EXTENSION
                                                                            GA-CellAdditionalShapes
     ID id-CommonTransportChannelResourcesInitialisationNotRequired
                                                                        CRITICALITY ignore EXTENSION
CommonTransportChannelResourcesInitialisationNotRequired
                                                                PRESENCE optional
     - ID id CellCapabilityContainer FDD
                                            CRITICALITY
                                                                                                           PRESENCE optional
     ID id-CellCapabilityContainer-TDD
                                                                                                           PRESENCE optional }|
                                            CRITICALITY ignore EXTENSION
                                                                            CellCapabilityContainer-TDD
        -- Applicable to 3.84Mcps TDD only
     ID id-CellCapabilityContainer-TDD-LCR CRITICALITY ignore EXTENSION
                                                                            CellCapabilityContainer-TDD-LCR
                                                                                                                 PRESENCE optional }
        -- Applicable to 1.28Mcps TDD only
     ID id-SNA-Information
                                            CRITICALITY ignore EXTENSION
                                                                            SNA-Information
                                                                                                           PRESENCE optional },
    . . .
```

*** Unchanged text is omitted ***

CHANGE REQUEST								
ж	25.423	CR 865	жrev	1	ж	Current vers	^{ion:} 5.6.0) ^ж
	-	rm, see bottom of th	his page or i	_				
Proposed change	e affects:	UICC apps ೫	ME	Rac	lio A	ccess Networ	k X Core I	Network
Title:	RNSAP (correction for CRRM	l alignment					
Source:	₩ <mark>RAN3</mark>							
Work item code:	₩ <mark>TEI5, R</mark> A	Nimp-ImpRRM				Date: ೫	21/08/03	
Category:	F (coldstain A (coldstain B (ad C (funder D (ed	the following categori rection) rresponds to a correct dition of feature), nctional modification of itorial modification) planations of the abov 3GPP <u>TR 21.900</u> .	ion in an ear f feature)		leas	2 8) R96 R97 R98 R99	Rel-5 the following re (GSM Phase 1990 (Release 1991 (Release 1995 (Release 1995 (Release 4) (Release 4) (Release 5) (Release 6)	2) 6) 7) 3)

Reason for change: #	RNSAP cites "Cell Load" once, but no reference is made to it elsewhere in the spec: this is because of the misalignment between RNSAP and RANAP CRRM solutions, for which RANAP "Cell Load" is the equivalent for RNSAP "Load Value".			
Summary of change: #	"Cell Load" is changed to "Load Value".			
Consequences if % not approved:	If these alignment is not made, "Cell Load" would have no reference in RNSAP, leading to ambiguities.			
	Impact Analysis: Impact assessment towards the previous version of the specification (same release): This CR has isolated impact with the previous version of the specification (same release) because it only alignes the definitions of one IE of RNSAP to RANAP. This CR has an impact on the functional point of view.			

Clauses affected: Other specs affected:	# 9.2.1.50B # X Y N X Other core specifications X Test specifications X O&M Specifications
Other comments:	※

How to create CRs using this form:

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

9.2.1.50B RT Load Value

The *RT Load Value* IE indicates the ratio of the load generated by Real Time traffic, relative to the measured Cell-Load Value. Real Time traffic corresponds to the Conversational and Streaming traffic classes.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Uplink RT Load Value	M		INTEGER(0. .100)	Value 0 shall indicate the minimum RT load, and 100 shall indicate the maximum RT load. Load should be measured on a linear scale.
Downlink RT Load Value	M		INTEGER(0. .100)	Value 0 shall indicate the minimum RT load, and 100 shall indicate the maximum RT load. Load should be measured on a linear scale.