TSG RAN Meeting #21 **RP-030440**
Frankfurt, Germany, 16 - 19 September 2003

Title **CRs (Rel-5 only) to TS 25.423**
Source **TSG RAN WG3**
Agenda Item **7.4.5**

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 REQUEST

⌘ **25.423** **CR** **853** ⌘ **rev** **1** ⌘ Current version: **5.6.0** ⌘

*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:	⌘	Correction of the Measurement Increase/Decrease Threshold IE
Source:	⌘	RAN3
Work item code:	⌘	TEI5
Date:	⌘	25/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(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 NRT Load Information measurements are defined twice in the tabular format in the Measurement Increase/Decrease Threshold IE but only once in ASN.1.
Summary of change:	⌘	R1: "Additional Measurement Thresholds" is introduced. Editorial correction are made. R0: One of the UL Timeslot ISCP, RT Load, and NRT Load Information measurements are removed from the tabular format in the Measurement Increase/Decrease Threshold IE.
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:	⌘	9.2.1.38			
Other specs affected:	⌘	**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 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.

9.2.1.38 Measurement Increase/Decrease Threshold

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

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
CHOICE *Measurement Increase/Decrease Threshold*					-	
-*>SIR*					-	
>>SIR	M		INTEGER(0..62)	0: 0 dB 1: 0.5 dB 2: 1 dB … 62: 31dB	-	
-*>SIR Error*				FDD Only	-	
>>SIR Error	M		INTEGER(0..124)	0: 0 dB 1: 0.5 dB 2: 1 dB … 124: 62 dB	-	
-*>Transmitted Code Power*					-	
>>Transmitted Code Power	M		INTEGER(0..112,...)	0: 0 dB 1: 0.5 dB 2: 1 dB … 112: 56 dB	-	
-*>RSCP*				TDD Only	-	
>>RSCP	M		INTEGER(0..126)	0: 0 dB 1: 0.5 dB 2: 1 dB … 126: 63 dB	-	
-*>Round Trip Time*				FDD Only	-	
>>Round Trip Time	M		INTEGER(0..32766)	0: 0 chips 1: 0.0625 chips 2: 0.1250 chips … 32766: 2047.875 chips	-	
>Additional Measurement Thresholds					-	
-*>>Load*					-	
>>>Load	M		INTEGER(0..100)	Units are the same as for the Uplink *Load Value* IE and *Dowlink Load Value* IE.	-	
-*>>Transmitted Carrier Power*					-	
>>>Transmitted Carrier Power	M		INTEGER(0..100)	According to mapping in [23] and [24].	YES	reject
-*>>Received Total Wide Band Power*					-	
>>>Received Total Wide Band Power	M		INTEGER(0..620)	0: 0dB 1: 0.1dB 2: 0.2dB ... 620: 62dB	YES	reject
-*>>UL Timeslot ISCP*				TDD Only	-	
>>>UL Timeslot ISCP			INTEGER(0..126)	0: 0dB 1: 0.5dB 2: 1dB ... 126: 63dB	YES	reject
>>RT Load					-	

>>>RT Load	M		INTEGER(0..100)	Units are the same as for the *Uplink RT Load Value* IE and *Downlink RT Load Value* IE.	YES	reject
>>~~-~~*NRT Load Information*					-	
>>>NRT Load Information	M		INTEGER(0..3)		YES	reject
~~*>UL Timeslot ISCP*~~				~~TDD Only~~	~~-~~	
~~>>UL Timeslot ISCP~~	~~M~~		~~INTEGER(0..127)~~	~~According to mapping in [24]~~	~~YES~~	~~reject~~
~~*>RT Load*~~					~~-~~	
~~>>RT Load~~	~~M~~		~~INTEGER(0..100)~~	~~Units are the same as for the *Uplink RT Load Value* IE and *Downlink RT Load Value* IE.~~	~~YES~~	~~reject~~
~~*> NRT Load Information*~~					~~-~~	
~~>>NRT Load Information~~	~~M~~		~~INTEGER(0..3)~~		~~YES~~	~~reject~~

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

Tdoc ⌘R3-031030

CR-Form-v7

CHANGE REQUEST

⌘ **25.423** **CR** **858** ⌘ **rev** **-** ⌘ Current version: **5.6.0** ⌘

*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:	⌘	Corrections on Uplink Signalling Tranfer
Source:	⌘	RAN3
Work item code:	⌘	TEI5
Date:	⌘	19/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
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R96 *(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: ⌘ 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: ⌘ For UPLINK SIGNALLING TRANSFER INDICATION message:

- "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:	⌘	8.2.1.2, 9.1.24.1, 9.1.24.2, 9.2.1.41B, 9.3.3			
		Y	**N**		
Other specs affected:	⌘		**X**	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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

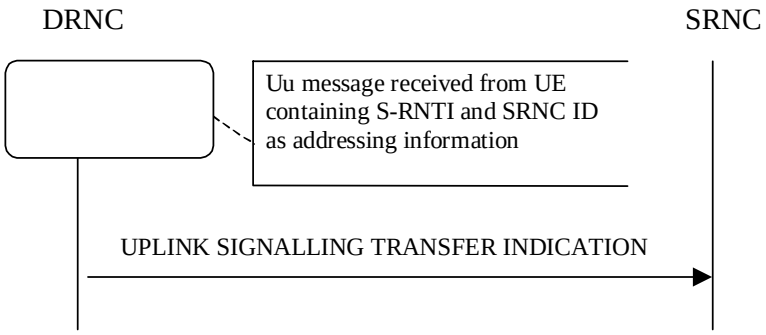

Figure 1: Uplink Signalling Transfer procedure, Successful Operation

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 ~~-~~ 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	M		9.2.1.40		YES	ignore
Transaction ID	M		9.2.1.59		–	
UC-ID	M		9.2.1.71		YES	ignore
SAI	M		9.2.1.52		YES	ignore
Cell GAI	O		9.2.1.5A		YES	ignore
C-RNTI	M		9.2.1.14		YES	ignore
S-RNTI	M		9.2.1.54		YES	ignore
D-RNTI	O		9.2.1.24		YES	ignore
Propagation Delay	M		9.2.2.33		YES	ignore
STTD Support Indicator	M		9.2.2.45		YES	ignore
Closed Loop Mode1 Support Indicator	M		9.2.2.2		YES	ignore
Closed Loop Mode2 Support Indicator	M		9.2.2.3		YES	ignore
L3 Information	M		9.2.1.32		YES	ignore
CN PS Domain Identifier	O		9.2.1.12		YES	ignore
CN CS Domain Identifier	O		9.2.1.11		YES	ignore
URA Information	O		9.2.1.70B		YES	ignore
Cell GA Additional Shapes	O		9.2.1.5B		YES	ignore
DPC Mode Change Support Indicator	O		9.2.2.56		YES	ignore
Common Transport Channel Resources Initialisation not required	O		9.2.1.12F		YES	Ignore
Cell Capability Container FDD	O		9.2.2.D		YES	ignore
~~Cell Capability Container TDD~~	~~O~~		~~9.2.3.1a~~		~~YES~~	~~ignore~~
~~Cell Capability Container TDD LCR~~	~~O~~		~~9.2.3.1b~~		~~YES~~	~~ignore~~
SNA Information	O		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	M		9.2.1.40		YES	ignore
Transaction ID	M		9.2.1.59		–	
UC-ID	M		9.2.1.71		YES	ignore
SAI	M		9.2.1.52		YES	ignore
Cell GAI	O		9.2.1.5A		YES	Ignore
C-RNTI	M		9.2.1.14		YES	ignore
S-RNTI	M		9.2.1.54		YES	ignore
D-RNTI	O		9.2.1.24		YES	ignore
Rx Timing Deviation	M		9.2.3.7A		YES	ignore
L3 Information	M		9.2.1.32		YES	ignore
CN PS Domain Identifier	O		9.2.1.12		YES	ignore
CN CS Domain Identifier	O		9.2.1.11		YES	ignore
URA Information	O		9.2.1.70B		YES	ignore
Cell GA Additional Shapes	O		9.2.1.5B		YES	ignore
Common Transport Channel Resources Initialisation not required	O		9.2.1.12F		YES	ignore
~~Cell Capability Container FDD~~	~~O~~		~~9.2.2.D~~		~~YES~~	~~ignore~~
Cell Capability Container TDD	O		9.2.3.1a	Applicable to 3.84Mcps TDD only	YES	ignore
Cell Capability Container TDD LCR	O		9.2.3.1b	Applicable to 1.28Mcps TDD only	YES	ignore
SNA Information	O		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..<maxnoofFDDneighbours>*			–	
>C-ID	M		9.2.1.6		–	
>UL UARFCN	M		UARFCN 9.2.1.66	Corresponds to Nu in ref. [6]	–	
>DL UARFCN	M		UARFCN 9.2.1.66	Corresponds to Nd in ref. [6]	–	
>Frame Offset	O		9.2.1.30		–	
>Primary Scrambling Code	M		9.2.1.45		–	
>Primary CPICH Power	O		9.2.1.44		–	
>Cell Individual Offset	O		9.2.1.7		–	
>Tx Diversity Indicator	M		9.2.2.50			
>STTD Support Indicator	O		9.2.2.45		–	
>Closed Loop Mode1 Support Indicator	O		9.2.2.2		–	
>Closed Loop Mode2 Support Indicator	O		9.2.2.3		–	
>Restriction State Indicator	O		9.2.1.48C		YES	ignore
>DPC Mode Change Support Indicator	O		9.2.2.56		YES	ignore
>Coverage Indicator	O		9.2.1.12G		YES	ignore
>Antenna Co-location Indicator	O		9.2.1.2C		YES	ignore
>HCS Prio	O		9.2.1.30N		YES	ignore
>Cell Capability Container FDD	O		9.2.2.D		YES	ignore
>SNA Information	O		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 {
    protocolIEs                     ProtocolIE-Container       {{UplinkSignallingTransferIndicationFDD-IEs}},
    protocolExtensions              ProtocolExtensionContainer {{UplinkSignallingTransferIndicationFDD-Extensions}}                    OPTIONAL,
    ...
}

UplinkSignallingTransferIndicationFDD-IEs RNSAP-PROTOCOL-IES ::= {
    { ID id-UC-ID                   CRITICALITY ignore  TYPE UC-ID                  PRESENCE mandatory  } |
    { ID id-SAI                CRITICALITY ignore  TYPE SAI                    PRESENCE mandatory   } |
    { ID id-GA-Cell            CRITICALITY ignore  TYPE GA-Cell                PRESENCE optional } |
    { ID id-C-RNTI                  CRITICALITY ignore  TYPE C-RNTI                 PRESENCE mandatory  } |
    { ID id-S-RNTI                  CRITICALITY ignore  TYPE S-RNTI                 PRESENCE mandatory  } |
    { ID id-D-RNTI                  CRITICALITY ignore  TYPE D-RNTI                 PRESENCE optional   } |
    { ID id-PropagationDelay        CRITICALITY ignore  TYPE PropagationDelay       PRESENCE mandatory  } |
    { ID id-STTD-SupportIndicator               CRITICALITY ignore  TYPE STTD-SupportIndicator  PRESENCE mandatory } |
    { ID id-ClosedLoopMode1-SupportIndicator    CRITICALITY ignore  TYPE ClosedLoopMode1-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 }|
    { ID id-DPC-Mode-Change-SupportIndicator    CRITICALITY ignore  EXTENSION       DPC-Mode-Change-SupportIndicator     PRESENCE optional }|
    { ID id-CommonTransportChannelResourcesInitialisationNotRequired    CRITICALITY ignore  EXTENSION
CommonTransportChannelResourcesInitialisationNotRequired        PRESENCE optional   }|
    { ID id-CellCapabilityContainer-FDD     CRITICALITY ignore  EXTENSION   CellCapabilityContainer-FDD    PRESENCE optional }|
    { ID id-CellCapabilityContainer-TDD     CRITICALITY ignore  EXTENSION   CellCapabilityContainer-TDD    PRESENCE optional }|
    { ID id-CellCapabilityContainer-TDD-LCR CRITICALITY ignore  EXTENSION   CellCapabilityContainer-TDD-LCR     PRESENCE optional }|
    { ID id-SNA-Information                 CRITICALITY ignore          EXTENSION SNA-Information       PRESENCE optional },
    ...
}

-- **************************************************************
--
-- UPLINK SIGNALLING TRANSFER INDICATION TDD
--
-- **************************************************************
```

```
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   } |
    { ID id-GA-Cell            CRITICALITY ignore  TYPE GA-Cell                PRESENCE optional } |
    { ID id-C-RNTI                  CRITICALITY ignore  TYPE C-RNTI                 PRESENCE mandatory  } |
    { ID id-S-RNTI                  CRITICALITY ignore  TYPE S-RNTI                 PRESENCE mandatory  } |
    { ID id-D-RNTI                  CRITICALITY ignore  TYPE D-RNTI                 PRESENCE optional   } |
    { ID id-RxTimingDeviationForTA          CRITICALITY ignore  TYPE RxTimingDeviationForTA 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 },
    ...
}

UplinkSignallingTransferIndicationTDD-Extensions RNSAP-PROTOCOL-EXTENSION ::= {
    { ID id-GA-CellAdditionalShapes         CRITICALITY ignore  EXTENSION   GA-CellAdditionalShapes    PRESENCE optional }|
    { ID id-CommonTransportChannelResourcesInitialisationNotRequired    CRITICALITY ignore  EXTENSION
CommonTransportChannelResourcesInitialisationNotRequired        PRESENCE optional   }|
    { ID id-CellCapabilityContainer-FDD     CRITICALITY ignore  EXTENSION   CellCapabilityContainer-FDD   PRESENCE optional }|
    { ID id-CellCapabilityContainer-TDD     CRITICALITY ignore  EXTENSION   CellCapabilityContainer-TDD   PRESENCE optional }|
        -- 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 ***

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

***Tdoc* ⌘R3-031167**

CR-Form-v7

CHANGE REQUEST

⌘ **25.423** **CR** **865** ⌘ **rev** **1** ⌘ Current version: **5.6.0** ⌘

*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:	⌘	RNSAP correction for CRRM alignment
Source:	⌘	RAN3
Work item code:	⌘	TEI5, RANimp-ImpRRM
Date:	⌘	21/08/03
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(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:	⌘	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:	⌘	9.2.1.50B			
Other specs affected:	⌘	**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 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.

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.