**3GPP TSG- Meeting #**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** | **2** | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | , ZTE, Ericsson | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change 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](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | 1. The *Uu RLC Channel ID* IE defined in TS 38.473 is not consistent with the *Uu-RelayRLC-ChannelID* IE defined in TS 38.331. *Uu RLC Channel ID* is defiend as *BIT STRING (SIZE(16))*, while *Uu-RelayRLC-ChannelID* is defined as *INTEGER (1..maxLC-ID)*, where *maxLC-ID* is equal to 32. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. In the definition of *Uu RLC Channel ID* in clause 9.3.1.266, change the IE type to INTEGER (1..32), and add the semantics description “Corresponds to the *Uu-RelayRLC-ChannelID* IE defined in 38.331 [8]”.   **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).  The impact can be considered isolated because it only impacts Sidelink feature.  The change is NBC. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Inconsistent definition of *Uu RLC Channel ID* will cause value overflow when downcasting a value of *Uu RLC Channel ID* greater than 32 to *Uu-RelayRLC-ChannelID* in the RRC configuration. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 9.3.1.266, 9.4.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev0: R3-231613, initial submission at RAN3 #119bis-e.  Rev1: R3-233072, resubmission of R3-231613 discussed at RAN3 #120.  Rev2: R3-233388, revision of R3-233072 to resolve comments received from the online discussion at RAN3 #120:   * reverted the IE type change of *Uu RLC Channel ID* in clause 9.3.1.266; * added the description in the semantics description column in clause 9.3.1.266; * added clarification on converting an integer to BIT STRING; * added impact analysis in the coversheet. | | | | | | | | |

*Start Change*

#### 9.3.1.266 Uu RLC Channel ID

This IE uniquely identifies a Uu Relay RLC channel for a L2 U2N Relay UE.

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| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| Uu RLC Channel ID | M |  | INTEGER (1..32) | Corresponds to information provided in the *Uu-RelayRLC-ChannelID* IE defined in 38.331 [8]. |

*Next Change*

### 9.4.5 Information Element Definitions

-- ASN1START

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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-- Information Element Definitions

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-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

F1AP-IEs {

itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)

ngran-access (22) modules (3) f1ap (3) version1 (1) f1ap-IEs (2) }

DEFINITIONS AUTOMATIC TAGS ::=

BEGIN

IMPORTS

id-gNB-CUSystemInformation,

id-HandoverPreparationInformation,

id-TAISliceSupportList,

id-RANAC,

id-BearerTypeChange,

*skip unchanged*

Uncertainty-range-AoA ::= INTEGER (0..3599)

Uncertainty-range-ZoA ::= INTEGER (0..1799)

UuRLCChannelID ::= INTEGER (1..32)

UuRLCChannelQoSInformation ::= CHOICE {

uuRLCChannelQoS QoSFlowLevelQoSParameters,

uuControlPlaneTrafficType ENUMERATED {srb0,srb1,srb2,...},

choice-extension ProtocolIE-SingleContainer { { UuRLCChannelQoSInformation-ExtIEs} }

}

UuRLCChannelQoSInformation-ExtIEs F1AP-PROTOCOL-IES ::= {

...

}

UuRLCChannelToBeSetupList ::= SEQUENCE (SIZE(1.. maxnoofUuRLCChannels)) OF UuRLCChannelToBeSetupItem

UuRLCChannelToBeSetupItem ::= SEQUENCE {

uuRLCChannelID UuRLCChannelID,

uuRLCChannelQoSInformation UuRLCChannelQoSInformation,

rLCMode RLCMode,

iE-Extensions ProtocolExtensionContainer { { UuRLCChannelToBeSetupItem-ExtIEs } } OPTIONAL,

...

}

UuRLCChannelToBeSetupItem-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

*End of Change*