**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 canbe 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.
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| ***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. |
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| ***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. |
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| ***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.
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*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*