**3GPP TSG-RAN WG2 Meeting #118-e *R2-2206291***

**Electronic, 9th - 20th May, 2022**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **38.323** | **CR** | **draft** | **rev** | **-** | **Current version:** | **17.0.0** |  |
|  |
| *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 |  | Core Network |  |

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| ***Title:***  | Corrections on receiving PDCP entity establishment for SL-SRB0/SL-SRB1. |
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| ***Source to WG:*** | CATT |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core |  | ***Date:*** | 2022-5-13 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***Release:*** | Rel-17 |
|  | *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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | According to the email discussion ([AT118-e][702][V2X/SL] Maintenance of SL-SRBs (CATT)), it is unclear how to establish the receiving PDCP entity for SL-SRB0 or SL-SRB1 if it is the first unicast PC5-S message. |
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| ***Summary of change:*** | Add a note to clarify how to establish the receiving PDCP entity for SL-SRB0/SL-SRB1.**Impact analysis**Impacted 5G architecture options: SA, NSAImpacted functionality: PDCP entity maintainence.Inter-operability:None. |
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| ***Consequences if not approved:*** | How to establish the receiving PDCP entity ofSL-SRB0/SL-SRB1 if it is the first PC5-S message is unclear. |
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| ***Clauses affected:*** | 5.1.1 |
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|  | **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:*** |  |

*Start of change*

## 5.1 PDCP entity handling

### 5.1.1 PDCP entity establishment

When upper layers request a PDCP entity establishment for a radio bearer for Uu or PC5 interface; or for NR sidelink communication for groupcast and broadcast or for sidelink SRB4, when receiving the first PDCP PDU, and there is not yet a corresponding PDCP entity, the UE shall:

- establish a PDCP entity for the radio bearer;

- set the state variables of the PDCP entity to initial values;

- follow the procedures in clause 5.2.

NOTE: The receiving PDCP entity of sidelink SRB0 and sidelink SRB1 is established same as NR sidelink groupcast and broadcast.*End of change*