**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. | | | | | | | | | |
|  |  | | | | | | | | | |
| ***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 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***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. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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, NSA  Impacted 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 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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*