**3GPP TSG-RAN2 Meeting #113 *R2-2100115***

**E-meeting, January 2021**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **38.331** | **CR** | **2302** | **rev** | **-** | **Current version:** | **16.3.1** |  |
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| *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 | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:***  | Correction on reset configuration |
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| ***Source to WG:*** | OPPO |
| ***Source to TSG:*** | RAN2 |
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| ***Work item code:*** | 5G\_V2X\_NRSL-Core |  | ***Date:*** | 2021-01-04 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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)* |
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| ***Reason for change:*** | According to the current spec, upon receiving reset configuration indicator, the UE shall not only release/reset the Rx side configuration/bearer/MAC, but also release/reset the Tx side configuration/bearer/MAC, which is against the R16 NR-V2X design framework, i.e., each UE (and the gNB behind) is only in charge of the TX side configuration. In other words, according to the current spec, it is not sure how for UE to act on the Tx side configuration/bearer after the reset configuration. |
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| ***Summary of change:*** | 1. Limit the configuration release operation of reset configuration to the configuration received in the *RRCReconfigurationSidelink*.
2. Clarify for reset configuration, after bearer release, bearer(s) is to be re-added, based on the stored configuration received from dedicated-RRC/SIB/Pre-configuration.

**Impact analysis**Impacted 5G architecture options:NR SAImpacted functionality:SL reset configurationInter-operability: 1. If UE implements according to the CR and the network does not, the network is not aware of the reset configuration when providing SL grant.
2. If the network implements according to the CR and the UE does not, the problem remains.
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| ***Consequences if not approved:*** | According to the current spec, it is not clear how for UE to act on the Tx side configuration/bearer after the reset configuration, e.g., the Tx side configuration/bearer may be simply tore down according to the current spec. |
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| ***Clauses affected:*** | 5.8.9.1.10 |
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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 ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

*Start Change*

5.8.9.1.10 Sidelink reset configuration

The UE shall:

1> release/clear current sidelink radio configuration of this destination received in the *RRCReconfigurationSidelink*;

1> release the sidelink DRBs of this destination, in according to sub-clause 5.8.9.1a.1;

1> reset the sidelink specific MAC of this destination.

NOTE: Sidelink radio configuration is not just the resource configuration but may include other configurations included in the *RRCReconfigurationSidelink* message except the sidelink DRBs of this destination.

NOTE: For bi-directional sidelink DRB using RLC AM, after the sidelink DRB release procedure, perform the sidelink DRB addition according to the current sidelink configuration of this destination, received in *sl-ConfigDedicatedNR,* *SIB12* and *SidelinkPreconfigNR*, according to sub-clause 5.8.9.1a.2.

*End of Change*