**3GPP TSG-CT WG1 Meeting #125-eC1-204761**

**Electronic meeting, 20-28 August 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.587** | **CR** | **0086** | **rev** | **1** | **Current version:** | **16.1.1** |  |
|  |
| *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 |  | Core Network |  |

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| ***Title:***  | Updates to the handling of broadcast |
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| ***Source to WG:*** | vivo |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eV2XARC |  | ***Date:*** | 2020-08-08 |
|  |  |  |  |  |
| ***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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)* |
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| ***Reason for change:*** | The UE shall pass the changed source layer-2 ID to the lower layer if the old source layer-2 ID has been changed.The privacy timer of broadcast has been defined to T5020, so the T5xyz in clause 6.1.3.2.4 should be corrected. |
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| ***Summary of change:*** | Specify that the UE shall pass the changed source layer-2 ID to the lower layer after the source layer-2 ID changed.Change the Txyz to T5020 in 6.1.3.2.4. |
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| ***Consequences if not approved:*** | Lower layer has no knowledge of the changed source layer-2 ID, and further casue lower layer is unable to figure out the data from upper layer with old source L2 ID. |
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| ***Clauses affected:*** | 6.1.3.2.4 |
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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:*** |  |

\* \* \* First Change \* \* \* \*

##### 6.1.3.2.4 Privacy of V2X transmission over PC5

Upon initiating transmission of V2X communication over PC5, if:

a) the V2X service identifier of a V2X service requesting transmission of V2X communication over PC5 is in the list of of V2X services which require privacy for V2X communication over PC5 as specified in clause 5.2.3; and

b) the UE is located in a geographical area in which this V2X service requires privacy for V2X communication over PC5 as specified in clause 5.2.3, or the UE is not provisioned any geographical areas in which this V2X services requires privacy for V2X communication over PC5,

then the UE shall proceed as follows:

a) if timer T5020 is not running, start timer T5020 and set its timer value as the privacy timer value as specified in clause 5.2.3;

b) upon:

1) getting an indication from upper layers that the application layer identifier has been changed; or

2) timer T5020 expiry,

then:

1) change the value of the source layer-2 ID self-assigned by the UE for the broadcast mode V2X communication over PC5;

2) if the V2X message contains IP data, change the value of the source IP address self-assigned by the UE for V2X communication over PC5;

3) provide an indication to upper layers that the source layer-2 ID and/or the source IP address are changed;

4) pass the changed source layer-2 ID and destination layer-2 ID, along with the corresponding PQFI down to the lower layer;

5) restart timer T5020; and

6) upon stopping transmission of the broadcast mode V2X communication over PC5, stop timer T5020.

\* \* \* End of Change \* \* \* \*