**3GPP TSG-CT WG1 Meeting #125-eC1-** **20xxxx**

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

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.587** | **CR** | **0077** | **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:*** | Privacy timer of Layer-2 ID for groupcast and broadcast | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ASUSTeK | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eV2XARC | | | | |  | ***Date:*** | | | 2020-8-27 |
|  |  | | | |  | |  | | |  |
| ***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 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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Currently, the sub-clause 6.1.4.2.4 (about privacy timer for groupcast) refers to the sub-clause 6.1.3.2.4 (about privacy timer for broadcast). Therefore, it would be better to remove the words “broadcast mode” from the procedural text in the sub-clause 6.1.3.2.4.  Besides, the indentation of the bullet c) should be fixed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Remove the words “broadcast mode” from the procedural text and fix the indentation of the bullet c) in the sub-clause 6.1.3.2.4. | | | | | | | | |
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| ***Consequences if not approved:*** | | The procedual text is not aligned between the two sub-clauses. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.1.3.2.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \*

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 T5xyz expiry,

then:

1) change the value of the source layer-2 ID self-assigned by the UE for the 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; and

4) restart timer T5020; and

c) upon stopping transmission of the V2X communication over PC5, stop timer T5020.

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