**3GPP TSG-CT WG1 Meeting #136-eC1-22xxxx**

**E-Meeting, 12th – 20th May 2022 *was C1-223619***

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.501** | **CR** | **4329** | **rev** | **1** | **Current version:** | **17.6.1** |  |
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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 |  | Core Network |  |

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| ***Title:***  | Perform eCall inactivity procedure in 5GMM-REGISTERED.NON-ALLOWED-SERVICE substate |
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| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | C1 |
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| ***Work item code:*** | 5GProtoc17 |  | ***Date:*** | 2022-05-01 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***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)* |
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| ***Reason for change:*** | The eCall inactivity procedure shall be started when the following conditions mets:*The eCall inactivity procedure is performed only in 3GPP access and applicable only to a UE configured for eCall only mode as specified in 3GPP TS 31.102 [22]. The procedure shall be started when:**a) the UE is in any 5GMM-REGISTERED substate except substates 5GMM-REGISTERED.PLMN-SEARCH or 5GMM-REGISTERED.NO-CELL-AVAILABLE;**b) the UE is in 5GMM-IDLE mode; and**c) one of the following conditions applies:**1) timer T3444 expires or is found to have already expired and timer T3445 is not running;**2) timer T3445 expires or is found to have already expired and timer T3444 is not running; or**3) timers T3444 and T3445 expire or are found to have already expired.*As specified, if condition b) and c) are met, the UE in 5GMM-REGISTERED state except substate 5GMM-REGISTERED.PLMN-SEARCH or 5GMM REGISTERED.NO-CELL-AVAILABLE shall start the eCall inactivity procedure. Hence, the UE in NON-ALLOWED-SERVICE if configured for eCall only mode, shall also perform the eCall inactivity procedure at expiry of timer T3444 or timer T3445. But this is not captured by the current specification.  |
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| ***Summary of change:*** | The UE in NON-ALLOWED-SERVICE if configured for eCall only mode, shall also perform the eCall inactivity procedure at expiry of timer T3444 or timer T3445. |
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| ***Consequences if not approved:*** | It is not captured that the UE in NON-ALLOWED-SERVICE if configured for eCall only mode, shall perform the eCall inactivity procedure at expiry of timer T3444 or timer T3445. |
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| ***Clauses affected:*** | 5.2.3.2.2 |
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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:*** |  |

\*\*\*\*\*First change \*\*\*\*\*

##### 5.2.3.2.2 NON-ALLOWED-SERVICE

The UE shall behave as specified in subclause 5.3.5.

The UE in 5GMM-REGISTERED.NON-ALLOWED-SERVICE substate, if configured for eCall only mode as specified in 3GPP TS 31.102 [22], shall perform the eCall inactivity procedure at expiry of timer T3444 or timer T3445 (see subclause 5.5.3).

\*\*\*\*\* End of changes \*\*\*\*\*