**3GPP TSG-CT WG1 Meeting #135-eC1-222617**

**E-meeting, 6-12 April 2022**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.301** | **CR** | **3733** | **rev** | **1** | **Current version:** | **17.6.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | MPS exemption in Attempting to Attach |
|  |  |
| ***Source to WG:*** | Peraton Labs, CISA ECD |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | MPS2 |  | ***Date:*** | 2022-03-28 |
|  |  |  |  |  |
| ***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)* |
|  |  |
| ***Reason for change:*** | A UE with high priority access (e.g., an MPS UE) should not need to wait to attempt to attach while timer T3346, T3447 or T3402 is running.A CR in CT1#134-e added an exemption for MPS UEs for timers T3346 and T3447. An MPS user should also be exempt from network failure back-off retries managed by T3402. A similar exemption is given for MO exception data for CIoT devices.  |
|  |  |
| ***Summary of change:*** | In state ATTEMPTING-TO-ATTACH, a UE configured to use AC11 – 15 in the selected PLMN is allowed to trigger attach even if a network failure back-off timer T3402 is running. |
|  |  |
| ***Consequences if not approved:*** | MPS users might need to wait several additional minutes to get network access following a network service restoration. |
|  |  |
| ***Clauses affected:*** | 5.2.2.3.3 |
|  |  |
|  | **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 \*\*\*\*\*

##### 5.2.2.3.3 ATTEMPTING-TO-ATTACH

The UE:

- shall initiate an attach or combined attach procedure on the expiry of timers T3411, T3402 or T3346 (see 3GPP TS 24.008 [13]);

- may initiate an attach for emergency bearer services even if timer T3346 is running;

- may initiate an attach if the UE is a UE configured to use AC11 – 15 in the selected PLMN, even if timer T3402, T3346 or timer T3447 is running;

- shall initiate an attach or combined attach procedure when entering a new PLMN, if timer T3346 is running and the new PLMN is not equivalent to the PLMN where the UE started timer T3346, the PLMN identity of the new cell is not in one of the forbidden PLMN lists and the tracking area is not in one of the lists of forbidden tracking areas;

- shall initiate an attach or combined attach procedure when the tracking area of the serving cell has changed, if timer T3346 is not running, the PLMN identity of the new cell is not in one of the forbidden PLMN lists and the tracking area of the new cell is not in one of the lists of forbidden tracking areas;

- shall use requests for non-EPS services for non-emergency call from CM layers to trigger a combined attach procedure, if timer T3346 is not running (see clause 5.5.1.3), or to attempt to select GERAN or UTRAN radio access technology and proceed with the appropriate MM and CC specific procedures;

- shall use requests for non-EPS services for emergency call from CM layers to attempt to select GERAN or UTRAN radio access technology and proceed with the appropriate MM and CC specific procedures;

- may initiate an attach procedure upon receiving a request from upper layers to transmit user data related to an exceptional event and the UE is allowed to use exception data reporting (see the ExceptionDataReportingAllowed leaf of the NAS configuration MO in 3GPP TS 24.368 [15A]) if timer T3346 is not already running for "MO exception data" and even if timer T3402 or timer T3411 is running;

- may initiate an attach procedure upon request of the upper layers to establish a PDN connection for emergency bearer services; and

- may initiate an attach procedure upon request of the upper layers to establish a PDN connection for RLOS, if timer T3346 is not running.

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