**3GPP TSG-CT WG1 Meeting #134-eC1-221739**

**E-meeting, 17th – 25th February 2022 (was C1-221044)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **27.007** | **CR** | **0760** | **rev** | **1** | **Current version:** | **17.4.0** |  |
|  | | | | | | | | |
| *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:*** | Incorrect parameter <reporting> in unsolicited result code of +CEPSFBS | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Apple | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GProtoc17 | | | | |  | ***Date:*** | | | 2022-02-17 |
|  |  | | | |  | |  | | |  |
| ***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 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The parameter <reporting> is not required to be shown in the unsolicited result code of +CEPSFBS.  According to the current descriptiont the parameters <stat> and <type> are optional, thus the square brackets are missing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The parameter <reporting> is removed in the unsolicited result code of +CEPSFBS.  Square brackets are added to mark the parameters <stat> and <type> optional as defined in the description. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incorrect definition of the unsolicited result code of +CEPSFBS. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 8.81 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \*\*\**

## 8.81 EPS fallback status +CEPSFBS

Table 8.81-1: +CEPSFBS parameter command syntax

|  |  |
| --- | --- |
| Command | Possible Response(s) |
| +CEPSFBS=[<reporting>] | +CME ERROR: <err> |
| +CEPSFBS? | +CEPSFBS: <reporting>[,<stat>,<type>] |
| +CEPSFBS=? | +CEPSFBS: (list of supported <reporting>s) |

**Description**

The set command controls the presentation of an unsolicited result code +CEPSFBS: <stat>,<type> when <reporting>=1 and there is a change due to EPS fallback(EPSFB) procedure triggered by the network.

Read command returns <reporting> which indicates whether reporting of EPSFB status is enabled or disabled. When reporting is enabled, the parameters <stat> and <type> indicate the most recently received EPSFB status. When reporting is disabled, EPSFB status and EPSFB type are not provided.

The test command returns values supported as a compound value.

**Defined values**

<reporting>: integer type value. Disable and enable presentation of the unsolicited result code +CEPSFBS to the TE.

0 Disable EPSFBS unsolicited result code.

1 Enable EPSFBS unsolicited result code +CEPSFBS: <stat>,<type>.

<stat>: integer type; indicates the EPS fallback (EPSFB) status when MO/MT call is initated in 5GS.

0 5GS to EPS fallback started (applicable e.g. when handover (see NOTE 1) or redirection (see NOTE 2) is indicated by lower layers)

1 5GS to EPS fallback successful (applicable e.g. when change from 5GC to EPC is indicated by lower layers) (see NOTE 3)

2 5GS to EPS fallback failure (applicable e.g. when 5GS to EPS fallback was started but did not succeed in an implementation-specific time).

<type>: integer type; indicates the EPSFB type.

0 Handover (see NOTE 1)

1 Redirection (see NOTE 2)

NOTE 1: 3GPP TS 38.331 [160] specifies e.g. *MobilityFromNRCommand*.

NOTE 2: 3GPP TS 38.331 [160] specifies e.g. *RRCRelease* indicating redirection to *eutra*.

NOTE 3: 3GPP TS 36.331 [86] specifies e.g. *RRCConnectionReconfiguration* with *handoverType* set to *fivegc-ToEPC*.

**Implementation**

Optional. This command is only applicable to UEs supporting 5GS.

*\*\*\* last change \*\*\**