**3GPP TSG-SA5 Meeting #130e *S5-202172rev***

**e-meeting, 20 April– 24 April 2020** Revision of S5-202172

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.290** | **CR** | **0114** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **x** |

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| ***Title:*** | Correction on Service Termination | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI16, 5GS\_Ph1-SBI\_CH | | | | |  | ***Date:*** | | | 2020-04-23 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | R16 |
|  | *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)* | |
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| ***Reason for change:*** | | When CTF determines terminate the service, CTF can send the termination request to terminate the charging session.  For the converged offline charging (without quota management), the unit count inactivity timer will cause the charging session termination, but no used units shall be reported. | | | | | | | | |
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| ***Summary of change:*** | | Change Update message to Termination message.  Modify the description for used unit reporting. | | | | | | | | |
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| ***Consequences if not approved:*** | | The operation for service termination is incorrect. | | | | | | | | |
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| ***Clauses affected:*** | | 5.4.4 | | | | | | | | |
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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:*** | |  | | | | | | | | |

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| **First change** |

### 5.4.4 Service termination

The CHF (NF Service Producer) may determine that a service requires termination. The NF Service Producer may perform this termination synchronously if it has a request pending processing by returning response.

If the CHF (NF Service Producer) does not have a pending request (asynchronous), the NF Service Producer may trigger an abort notification to terminate the charging session. On reception of an abort notification, the NF consumer shall terminate the associated charging session by sending a Nchf\_ConvergedCharging\_Release. If the associated charging session is not currently active or NF consumer does not terminate the charging session for any other reason, the corresponding error response is returned.

The CTF (NF Service Consumer) may determine service termination. For session based charging the termination request shall include the used units if any. For event based charging there may be no used unit reported.

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| **End of change** |