**3GPP TSG-SA5 Meeting #133e *S5-205029***

**e-meeting 12th - 21th October 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.202** | **CR** | **0002** | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *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 of the Category of Subscriber Identifier | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | China Telecommunications Corporation | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GS\_NSMCH | | | | |  | ***Date:*** | | | 2020-09-29 |
|  |  | | | |  | |  | | |  |
| ***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)*  *Rel-17 (Release 17)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Subscriber Identifier not applicable. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Change the Category of Subscriber Identifier from ‘M’ to ‘-’. | | | | | | | | |
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| ***Consequences if not approved:*** | | The inconsistency of Subscriber Identifier between Table 6.1.1.2.1 and Table 6.1.2.2.1 will cause confusion. | | | | | | | | |
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| ***Clauses affected:*** | | 6.1.2.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 modification** |

#### 6.1.1.2 Charging Data Request message

Table 6.1.1.2.1 illustrates the basic structure of a Charging Data Request message from the CEF or MnS producer as used for Network slice management charging.

Table 6.1.1.2.1: Charging Data Request message contents

| **Information Element** | **Category for converged charging** | **Description** |
| --- | --- | --- |
| Session Identifier | OC | Described in TS 32.290 [57] |
| Subscriber Identifier | - | This field is not applicable. |
| Tenant Identifier | OM | This fields holds the identifier of the tenant the network slice instance is created for. |
| MnS Consumer Identifier | OM | This fields holds the identifier of the MnS Consumer of Provisioning MnS. |
| NF Consumer Identification | M | Described in TS 32.290 [57] and holds the identifier of the CEF or MnS producer. |
| Invocation Timestamp | M | Described in TS 32.290 [57] |
| Invocation Sequence Number | M | Described in TS 32.290 [57] |
| One-time Event | OC | Described in TS 32.290 [57] |
| One-time Event Type | OC | Described in TS 32.290 [57] |
| Notify URI | - | This field is not applicable. |
| Service Specification Information | OC | Described in TS 32.290 [57] |
| Triggers | - | This field is not applicable. |
| Multiple Unit Usage | - | This field is not applicable. |
| NSM Charging information | OM | This field holds NSM specific information described in clause 6.2.1.2 |

#### 6.1.1.3 Charging data response message

Table 6.1.1.3.1 illustrates the basic structure of a Charging Data Response message from the CHF to the MnS producer or CEF as used for Network slice management charging.

Table 6.1.1.3.1: Charging Data Response message contents

| **Information Element** | **Category for converged charging** | **Description** |
| --- | --- | --- |
| Session Identifier | OC | Described in TS 32.290 [57] |
| Invocation Timestamp | M | Described in TS 32.290 [57] |
| Invocation Result | OC | Described in TS 32.290 [57] |
| Invocation Sequence Number | M | Described in TS 32.290 [57] |
| Session Failover | - | This field is not applicable. |
| Triggers | - | This field is not applicable. |
| Multiple Unit Information | - | This field is not applicable. |

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| **Next changes** |

#### 6.1.2.2 Network Slice Management charging CHF CDR data

If enabled, CHF CDRs for Network Slice Management charging shall be produced for each Network Slice Management operations.

The fields of Network Slice Management charging CHF CDR are specified in table 6.1.2.2.1.

Table 6.1.2.2.1: Network Slice Management charging CHF record data

| Field | Category | Description |
| --- | --- | --- |
| Record Type | M | CHF record. |
| Recording Network Function ID | OM | This field holds the name of the recording entity, i.e. the CHF id. |
| Subscriber Identifier | - | This field is not applicable. |
| Tenant Identifier | OM | This field holds the identifier of the tenant the network slice instance is created for. |
| MnS Consumer Identifier | OM | This fields holds the identifier of the MnS Consumer of Provisioning MnS. |
| NF Consumer Information | M | This field holds the information of the entity that used the charging service (i.e. Service Producer (CTF), CEF). |
| NF Functionality | M | This field contains the function of the entity: Service Producer (CTF) or CEF |
| NF Name | OC | This field holds the name of the entity. |
| NF Address | OC | This field holds the IP Address of the entity |
| NF PLMN ID | Oc | This field holds the PLMN identifier (MCC MNC) of the entity. |
| Record Opening Time | M | Described in TS 32.298 [57] |
| Duration | M | Described in TS 32.298 [57] |
| Record Sequence Number | C | Described in TS 32.298 [57] |
| Cause for Record Closing | M | Described in TS 32.298 [57] |
| Diagnostics | OM | Described in TS 32.298 [57] |
| Local Record Sequence Number | OM | Described in TS 32.298 [57] |
| Record Extensions | OC | Described in TS 32.298 [57] |
| NSM Charging information | OM | This field holds the Network Slice Management Charging information defined in clause 6.2.1.2. |

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| **End of modifications** |