**3GPP TSG-CT WG1 Meeting #141eC1-232678**

**Online 17– 21 April 2023 (was C1-232609)**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.301** | **CR** | **3887** | **rev** | **2** | **Current version:** | **18.2.1** |  |
|  | | | | | | | | |
| *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 | **X** |

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| ***Title:*** | Adding missing description for IEs of type 6 under clause 9.9.1 | | | | | | | | |
|  |  | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | | | | | | | | |
| ***Source to TSG:*** | CT1 | | | | | | | | |
|  |  | | | | | | | | |
| ***Work item code:*** | SAES18 | | | | |  | ***Date:*** | | 2023-04-19 |
|  |  | | | |  | |  | |  |
| ***Category:*** | **F** | |  | | | | ***Release:*** | | Rel-18 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | |
| ***Reason for change:*** | | Clause 9.9.1 fails to describe IEs of type 6. | | | | | | | |
|  | |  | | | | | | | |
| ***Summary of change:*** | | Description of IEs of type 6 is added under clause 9.9.1. | | | | | | | |
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| ***Consequences if not approved:*** | | Inconsistent specification. | | | | | | | |
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| ***Clauses affected:*** | | | 9.9.1 | | | | | | |
|  | | |  | | | | | | |
|  | | | **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:*** | | | V1: correcting parsing error detected on the cover sheet when uploading the document to 3GU.  V2: rephrasing of the proposed text for better readability and deletion of unnecessary "or" and “for”. New co-signing companies added. | | | | | | |

\* \* \* First Change \* \* \* \*

### 9.9.1 General

The different formats (V, LV, T, TV, TLV, LV-E, TLV-E) and the five categories of information elements (type 1, 2, 3, 4 and 6) are defined in 3GPP TS 24.007 [12].

The first octet of an information element in the non-imperative part contains the IEI of the information element. If this octet does not correspond to an IEI known in the message, the receiver shall determine whether this IE is of type 1 or 2 (i.e. it is an information element of one octet length), an IE of type 4 (i.e. that the next octet is the length indicator indicating the length of the remaining of the information element or an IE of type 6 (i.e. that the next 2 octets are the length indicator indicating the length of the remaining of the information element) (see 3GPP TS 24.007 [12]).

This allows the receiver to jump over unknown information elements and to analyse any following information elements.

The definitions of information elements which are common for the EMM and ESM protocols or which are used by access stratum protocols are described in clause 9.9.2.

The information elements of the EMM or ESM protocols can be defined by reference to an appropriate specification, e.g., "see clause 10.5.6.3 in 3GPP TS 24.008 [13]".

\* \* \* End of Changes \* \* \* \*