**3GPP TSG-CT WG1 Meeting #126-eC1-206xyz**

**Electronic meeting, 15-23 October 2020 (rev of C1-206126)**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.501** | **CR** | **2707** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *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 | **x** | Radio Access Network |  | Core Network | **x** |

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| ***Title:*** | Correction to NAS transport procedure | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GProtoc17 | | | | |  | ***Date:*** | | | 2020-10-08 |
|  |  | | | |  | |  | | |  |
| ***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-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:*** | | For the NAS transport procedure it is specified for which cases additional information is included into the NAS message. However, location services message has additional information but that is not part of the lists. | | | | | | | | |
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| ***Summary of change:*** | | The payload type Location services messages also have additional routing information to be inlcuded in the UL NAS transport message. | | | | | | | | |
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| ***Consequences if not approved:*** | | Misunderstanding of function | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.4.5.1, 5.4.5.2.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | Rev1: Minor update, and g) to h) -> , g) and h) | | | | | | | | |

\*\*\* Next change \*\*\*

#### 5.4.5.1 General

The purpose of the NAS transport procedures is to provide a transport of payload between the UE and the AMF. The type of the payload is identified by the Payload container type IE and includes one of the following:

a) a single 5GSM message;

b) SMS;

c) an LPP message (see 3GPP TS 36.355 [26]);

d) an SOR transparent container;

e) a UE policy container;

f) a UE parameters update transparent container;

g) a location services message (see 3GPP TS 24.080 [13A]);

h) a CIoT user data container; or

i) Multiple payloads.

For payload type a) to e), g) and h), along with the payload, the NAS transport procedure may transport the associated information (e.g. PDU session information for 5GSM message payload).

For payload type i), the Payload container IE consists a list of payload container entries, where each of payload container entry contains the payload and optional associated information (e.g. PDU session information for 5GSM message payload).

NOTE: Payload type can be set to "Multiple payloads" if there are more than one payloads to be transported using the NAS transport procedures.

\*\*\* Next change \*\*\*

##### 5.4.5.2.1 General

The purpose of the UE-initiated NAS transport procedure is to provide a transport of:

a) a single 5GSM message as defined in subclause 8.3;

b) SMS (see 3GPP TS 24.011 [13]);

c) an LPP message;

d) an SOR transparent container;

e) a UE policy container; or

f) a UE parameters update transparent container;

g) a location services message;

h) a CIoT user data container; or

i) multiple of the above types.

and:

- for a) to e), g) and h), optional associated payload routing information from the UE to the AMF in a 5GMM message; and

- for i), the Payload container IE consists a list of payload container entries, where each of the payload container entry contains the payload and optional associated payload routing information (e.g. PDU session information for 5GSM message payload).

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