**3GPP TSG-CT WG1 Meeting #137-eC1-225015r1**

**E-Meeting, 18th – 26th August 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **CR** |  | **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 | **x** | Radio Access Network |  | Core Network | **x** |

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| ***Title:*** |  | | | | | | | | | |
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| ***Source to WG:*** | China Mobile | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GMARCH | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | |  |
|  | *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)* | |
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| ***Reason for change:*** | | Solve the EN in clause 6.4.1.1.7 and clause 6.4.1.1.9, i.e. How the MSGin5G Client splits the aggregated message is FFS. | | | | | | | | |
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| ***Summary of change:*** | | Solve the EN in clause 6.4.1.1.7 and clause 6.4.1.1.9 | | | | | | | | |
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| ***Consequences if not approved:*** | | How the MSGin5G Client splits the aggregated message is not specified. | | | | | | | | |
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| ***Clauses affected:*** | | 6.4.1.1.7, 6.4.1.1.9 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Change 1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 6.4.1.1.7 Reception of a aggregated MSGin5G message

Upon receiving an CoAP POST request containing the MSGin5G Service identifier and the "Message Type" with the value "MSG", if a "Number of individual messages" and a "List of individual messages" are included, the MSGin5G Client determines that this message is an aggregated MSGin5G message. The MSGin5G Client shall handle the CoAP POST request according to procedures specified in IETF RFC 7252 [5] with the clarifications listed below:

a) The MSGin5G Client shall split the received aggregated message request into multiple new created individual MSGin5G messages:

1) all elements listed in step d) of clause 6.4.1.1.2 included in the received MSGin5G message, except the "Message ID", "Message is segmented", "Segmentation set identifier", "Total number of message segments", "Message segment number" and "Last segment flag" elements, are copied to each new created individual MSGin5G message; and

2) each child element of the "List of individual messages" element in the received aggregated MSGin5G message is included in a new created individual MSGin5G message. The "Message ID", "Payload", "Application ID" (if present), "Delivery status required" (if present) and "Priority type" (if present) in the child element of the "List of individual messages" are used as the same elements in the new created individual MSGin5G message; and

b) The MSGin5G Client shall handle each individual MSGin5G messages according to step b) and c) specified in clause 6.4.1.1.6.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Change 2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 6.4.1.1.9 Reception of a aggregated MSGin5G message delivery status report

Upon receiving an CoAP POST request containing the MSGin5G Service identifier and the "Message Type" with the value "IMDN", if a "Number of individual messages" and a "List of individual messages" are included, the MSGin5G Client determines that this message is an aggregated MSGin5G message. The MSGin5G Client shall handle the CoAP POST request according to procedures specified in IETF RFC 7252 [5] with the clarifications listed below:

a) The MSGin5G Client shall split the received aggregated MSGin5G message request into multiple new created individual MSGin5G messages:

1) all elements listed in step d) of clause 6.4.1.1.4 included in the received MSGin5G message, except the "Message ID", "Delivery Status" and the "Failure Cause" elements, are copied to each new created individual MSGin5G message; and

2) each child element of the "List of individual messages" element in the received aggregated MSGin5G message is included in a new created individual MSGin5G message. The"Message ID", "Delivery Status" and the "Failure Cause" (if present) in the child element of the "List of individual messages" are used as the same elements in the new created individual MSGin5G message; and

b) If "Delivery Status" element is included in the new created individual MSGin5G message, the MSGin5G Client determines that the new created individual MSGin5G messages are MSGin5G delivery status reports. The MSGin5G Client shall handle each individual MSGin5G delivery status report according to step a) specified in clause 6.4.1.1.8.