**3GPP TSG-CT WG1 Meeting #138-e****C1-225611**

**E-Meeting,** **10th – 14th October 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.173** | **CR** | **0150** | **rev** | **2** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](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:*** | General MPS for Supplementary Services | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Peraton Labs, CISA ECD, Verizon, T-Mobile USA, AT&T, Qualcomm Incorporated | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MPSSupServ | | | | |  | ***Date:*** | | | 2022-09-29 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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:*** | | Supplementary services currently do not provide priority treatment for application server actions (e.g., database accesses and URL references) that are associated with MPS sessions. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | First change:  Adds MPS abbreviation  Second change:  Adds text to explain that application server actions (e.g., URL references) for MPS sessions should be given priority treatment. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | MPS sessions might fail in congested conditions. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 3.2, 6.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | Changes in revision 1 :   * Changed to Category B * Removed reference to database * Moved “such as” text to a note   Changes in revision 2:   * Added MPS abbreviation | | | | | | | | |
|  | |  | | | | | | | | |

\*\*\*\*\* First change \*\*\*\*\*

## 3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

CS Circuit Switched

CN Core Network

ICSI IMS Communication Service Identifier

IP Internet Protocol

IM IP Multimedia

MMTEL Multimedia Telephony

MPS Multimedia Priority Service

NG-RAN Next Generation Radio Access Network

PS Packet Switched

UDP User Datagram Protocol

UDPTL UDP Transport Layer

\*\*\*\*\* Second change \*\*\*\*\*

## 6.1 High level requirements

Actions by an application server in support of supplementary services related to an MPS priority session should be given priority treatment.

NOTE: The above includes actions such as remote URL resource references.

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