**3GPP TSG-CT1 Meeting #125-e *C1-20xxxz***

**Online, , 20th Aug 2020 - 28th Aug 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.582** | **CR** | **0002** | **rev** | **1** | **Current version:** | **16.1.0** |  |
|  | | | | | | | | |
| *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 | **X** | ME |  | Radio Access Network |  | Core Network |  |

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| ***Title:*** | Introduction of text for Scope clause | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Sepura Ltd | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MCCI\_CT | | | | |  | ***Date:*** | | | 2020-07-29 |
|  |  | | | |  | |  | | |  |
| ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | MCC have noted that text for clause 1 (Scope) is missing and also requested that some explanation of the numbering approach (alignment with 3GPP TS 24.282) is provided. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Text for clause 1 (Scope) is provided and also an Introduction. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Specification has no scope. Potential confusion for a reader noting gaps in the clause numbering and reference sequences. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | Introduction (new), 1, 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:*** | | C1-204519 | | | | | | | | |

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

# Introduction

The present document has been produced as an aspect of work to realise the Stage 3 protocols to implement the Stage 2 functionality for Interworking between Mission Critical systems and Land Mobile Radio systems as described in 3GPP TS 23.283 [80]. Early Stage 3 study work is documented in 3GPP TR 24.883 [xx] which covers both MCPTT and MCData interworking.

The document structure describes functionality modelled on 3GPP TS 24.282 [49] because the behaviour of an Interworking Function (IWF) for LMR MCData interworking is modelled on that of an MCData server, and the clause numbering is also based on that used in on 3GPP TS 24.282 [49] in order to aid comparison between the two specifications and identification of any behavioural changes.

The reference numbering is based on that used in 3GPP TR 24.883 [xx] and so may not be sequential.

\* \* \* Next Change \* \* \* \*

# 1 Scope

The present document specifies the protocols needed to support a Mission Critical Data (MCData) system interworking with a Land Mobile Radio (LMR) system based on the IWF-2 interface between an MCData server and an Interworking Function (IWF) as described in 3GPP TS 23.283 [80].

\* \* \* Next Change \* \* \* \*

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[4] 3GPP TS 24.229: "IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3".

[5] 3GPP TS 23.379: "Functional architecture and information flows to support mission critical communication services; Stage 2".

[6] IETF RFC 3841 (August 2004): "Caller Preferences for the Session Initiation Protocol (SIP)".

[9] IETF RFC 6050 (November 2010): "A Session Initiation Protocol (SIP) Extension for the Identification of Services".

[16] IETF RFC 3711: "The Secure Real-time Protocol (SRTP)".

[20] IETF RFC 5366 (October 2008): "Conference Establishment Using Request-Contained Lists in the Session Initiation Protocol (SIP)".

[24] IETF RFC 3261 (June 2002): "SIP: Session Initiation Protocol".

[26] IETF RFC 6665 (July 2012): "SIP-Specific Event Notification".

[31] 3GPP TS 24.481: "Mission Critical Services (MCS) group management Protocol specification".

[33] IETF RFC 3428 (December 2002): "Session Initiation Protocol (SIP) Extension for Instant Messaging".

[37] IETF RFC 3903 (October 2004): "Session Initiation Protocol (SIP) Extension for Event State Publication".

[46] IETF RFC 3986: "Uniform Resource Identifier (URI): Generic Syntax".

[49] 3GPP TS 24.482: "Mission Critical Services (MCS) identity management Protocol specification.

[50] 3GPP TS 24.484: "Mission Critical Services (MCS) configuration management Protocol specification".

[51] IETF RFC 3856 (August 2004): "A Presence Event Package for the Session Initiation Protocol (SIP)".

[67] IETF RFC 4122 (July 2005): "A Universally Unique IDentifier (UUID) URN Namespace".

[78] 3GPP TS 33.180: "Security of the mission critical service".

[80] 3GPP TS 23.283: "Mission Critical Communication Interworking with Land Mobile Radio Systems; Stage 2".

[81] 3GPP TS 24.379: "Mission Critical Push To Talk (MCPTT) call control; protocol specification;".

[82] 3GPP TS 24.282: " Mission Critical Data (MCData) signalling control; Protocol specification;"

[85] 3GPP TS 24.582: "Mission Critical Data (MCData) media plane control; Protocol specification".

[86] IETF RFC 1738 (December 1994): "Uniform Resource Locators (URL)".

[87] 3GPP TS 29.379: "Mission Critical Push To Talk (MCPTT) call control interworking with LMR systems; Protocol specification".

[89] IETF RFC 4826 (May 2007): "Extensible Markup Language (XML) Formats for Representing Resource Lists".

[xx] 3GPP TR 24.883: "Mission Critical Systems Connection to LMR".

\* \* \* Next Change \* \* \* \*