**3GPP TSG-CT WG1 Meeting #125-eC1-20wxyz**

**Electronic meeting, 20-28 August 2020**

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| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.484** | **CR** | **CR#** | **rev** | **-** | **Current version:** | **15.6.0** |  |
|  |
| *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 |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Mandatory EmergencyCall element |
|  |  |
| ***Source to WG:*** | FirstNet |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | MCPTT-CT |  | ***Date:*** | 20 August 2020 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***Release:*** | Rel-15  |
|  | *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 canbe 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:*** | Subclause 8.3.2.1 specifies that there is one <EmergencyCall> element in a <PrivateCall> element. The schema in subclause 8.3.2.3 specifies minoccurs="0".Subclause 8.3.2.1 specifies that there is one <MCPTT-group-call> element containing one <MaxSimultaneousCallsN6> element, one <EmergencyCall> element, one <ImminentPerilCall> element, one <EmergencyAlert> element, and one <Priority> element. The schema in subclause 8.3.2.3 allows zero to unlimited occurrences of each of these.  |
|  |  |
| ***Summary of change:*** | The scheme in subclause 8.3.2.3 is changed to:* Remove the minoccurs="0" from the EmergenyCall element within the PrivateCall element.
* Change the list of subelements of the MCPTT-group-call element from a "choice" to a "sequence" similar to the technique used for the PrivateCall element.
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|  |  |
| ***Consequences if not approved:*** | A missing EmergencyCall element under the PrivateCall element or a missing subelement of the MCPTT-group-call element could cause an emergency call to fail in an MCPTT system. |
|  |  |
| ***Clauses affected:*** | 8.3.2.3 |
|  |  |
|  | **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:*** |  |

##### **\* \* \* \* \* FIRST CHANGE \* \* \* \* \***

#### 8.3.2.3 XML Schema

The MCPTT user profile configuration document shall be composed according to the following XML schema:

<?xml version="1.0" encoding="UTF-8"?>

<xs:schema

 xmlns:mcpttup="urn:3gpp:mcptt:user-profile:1.0"

 xmlns:xs="http://www.w3.org/2001/XMLSchema"

 targetNamespace="urn:3gpp:mcptt:user-profile:1.0"

 elementFormDefault="qualified" attributeFormDefault="unqualified">

 <xs:import namespace="http://www.w3.org/XML/1998/namespace"

 schemaLocation="http://www.w3.org/2001/xml.xsd"/>

 <!-- This import brings in common policy namespace from RFC 4745 -->

 <xs:import namespace="urn:ietf:params:xml:ns:common-policy"

 schemaLocation="http://www.iana.org/assignments/xml-registry/schema/common-policy.xsd"/>

 <xs:element name="mcptt-user-profile">

 <xs:complexType>

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="Name" type="mcpttup:NameType"/>

 <xs:element name="Status" type="xs:boolean"/>

 <xs:element name="ProfileName" type="mcpttup:NameType"/>

 <xs:element name="Pre-selected-indication" type="mcpttup:emptyType"/>

 <xs:element name="Common" type="mcpttup:CommonType"/>

 <xs:element name="OffNetwork" type="mcpttup:OffNetworkType"/>

 <xs:element name="OnNetwork" type="mcpttup:OnNetworkType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attribute name="XUI-URI" type="xs:anyURI" use="required"/>

 <xs:attribute name="user-profile-index" type="xs:unsignedByte" use="required"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 </xs:element>

 <xs:complexType name="NameType">

 <xs:simpleContent>

 <xs:extension base="xs:token">

 <xs:attribute ref="xml:lang"/>

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

 <xs:complexType name="CommonType">

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="UserAlias" type="mcpttup:UserAliasType"/>

 <xs:element name="MCPTTUserID" type="mcpttup:EntryType"/>

 <xs:element name="PrivateCall" type="mcpttup:MCPTTPrivateCallType"/>

 <xs:element name="MCPTT-group-call" type="mcpttup:MCPTTGroupCallType"/>

 <xs:element name="MissionCriticalOrganization" type="xs:string"/>

 <xs:element name="ParticipantType" type="xs:string"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="MCPTTPrivateCallType">

 <xs:sequence>

 <xs:element name="PrivateCallList" type="mcpttup:PrivateCallListEntryType"/>

 <xs:element name="EmergencyCall" type="mcpttup:EmergencyCallType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="PrivateCallListEntryType">

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="PrivateCallURI" type="mcpttup:EntryType"/>

 <xs:element name="PrivateCallProSeUser" type="mcpttup:ProSeUserEntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="UserAliasType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="alias-entry" type="mcpttup:AliasEntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="AliasEntryType">

 <xs:simpleContent>

 <xs:extension base="xs:token">

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:attribute ref="xml:lang"/>

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

 <xs:complexType name="ListEntryType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="entry" type="mcpttup:EntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attribute ref="xml:lang"/>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="EntryType">

 <xs:sequence>

 <xs:element name="uri-entry" type="xs:anyURI"/>

 <xs:element name="display-name" type="mcpttup:DisplayNameElementType" minOccurs="0"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:attribute name="entry-info" type="mcpttup:EntryInfoTypeList"/>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="ProSeUserEntryType">

 <xs:sequence>

 <xs:element name="DiscoveryGroupID" type="xs:hexBinary" minOccurs="0"/>

 <xs:element name="User-Info-ID" type="xs:hexBinary"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:simpleType name="EntryInfoTypeList">

 <xs:restriction base="xs:normalizedString">

 <xs:enumeration value="UseCurrentlySelectedGroup"/>

 <xs:enumeration value="DedicatedGroup"/>

 <xs:enumeration value="UsePreConfigured"/>

 <xs:enumeration value="LocallyDetermined"/>

 </xs:restriction>

 </xs:simpleType>

 <xs:complexType name="DisplayNameElementType">

 <xs:simpleContent>

 <xs:extension base="xs:string">

 <xs:attribute ref="xml:lang"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

 <xs:complexType name="MCPTTGroupCallType">

 <xs:sequence>

 <xs:element name="MaxSimultaneousCallsN6" type="xs:positiveInteger"/>

 <xs:element name="EmergencyCall" type="mcpttup:EmergencyCallType"/>

 <xs:element name="ImminentPerilCall" type="mcpttup:ImminentPerilCallType"/>

 <xs:element name="EmergencyAlert" type="mcpttup:EmergencyAlertType"/>

 <xs:element name="Priority" type="xs:unsignedShort"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="EmergencyCallType">

 <xs:sequence>

 <xs:choice>

 <xs:element name="MCPTTGroupInitiation" type="mcpttup:MCPTTGroupInitiationEntryType"/>

 <xs:element name="MCPTTPrivateRecipient" type="mcpttup:MCPTTPrivateRecipientEntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="ImminentPerilCallType">

 <xs:sequence>

 <xs:element name="MCPTTGroupInitiation" type="mcpttup:MCPTTGroupInitiationEntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="EmergencyAlertType">

 <xs:sequence>

 <xs:element name="entry" type="mcpttup:EntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="MCPTTGroupInitiationEntryType">

 <xs:choice>

 <xs:element name="entry" type="mcpttup:EntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="MCPTTPrivateRecipientEntryType">

 <xs:sequence>

 <xs:element name="entry" type="mcpttup:EntryType"/>

 <xs:element name="ProSeUserID-entry" type="mcpttup:ProSeUserEntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="OffNetworkType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="MCPTTGroupInfo" type="mcpttup:ListEntryType"/>

 <xs:element name="User-Info-ID" type="xs:hexBinary"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="OnNetworkType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="MCPTTGroupInfo" type="mcpttup:ListEntryType"/>

 <xs:element name="MaxAffiliationsN2" type="xs:nonNegativeInteger"/>

 <xs:element name="MaxSimultaneousTransmissionsN7" type="xs:nonNegativeInteger"/>

 <xs:element name="ImplicitAffiliations" type="mcpttup:ListEntryType"/>

 <xs:element name="PrivateEmergencyAlert" type="mcpttup:EmergencyAlertType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcpttup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:element name="allow-presence-status" type="xs:boolean"/>

 <xs:element name="allow-request-presence" type="xs:boolean"/>

 <xs:element name="allow-query-availability-for-private-calls" type="xs:boolean"/>

 <xs:element name="allow-enable-disable-user" type="xs:boolean"/>

 <xs:element name="allow-enable-disable-UE" type="xs:boolean"/>

 <xs:element name="allow-create-delete-user-alias" type="xs:boolean"/>

 <xs:element name="allow-private-call" type="xs:boolean"/>

 <xs:element name="allow-manual-commencement" type="xs:boolean"/>

 <xs:element name="allow-automatic-commencement" type="xs:boolean"/>

 <xs:element name="allow-force-auto-answer" type="xs:boolean"/>

 <xs:element name="allow-failure-restriction" type="xs:boolean"/>

 <xs:element name="allow-emergency-group-call" type="xs:boolean"/>

 <xs:element name="allow-emergency-private-call" type="xs:boolean"/>

 <xs:element name="allow-cancel-group-emergency" type="xs:boolean"/>

 <xs:element name="allow-cancel-private-emergency-call" type="xs:boolean"/>

 <xs:element name="allow-imminent-peril-call" type="xs:boolean"/>

 <xs:element name="allow-cancel-imminent-peril" type="xs:boolean"/>

 <xs:element name="allow-activate-emergency-alert" type="xs:boolean"/>

 <xs:element name="allow-cancel-emergency-alert" type="xs:boolean"/>

 <xs:element name="allow-offnetwork" type="xs:boolean"/>

 <xs:element name="allow-imminent-peril-change" type="xs:boolean"/>

 <xs:element name="allow-private-call-media-protection" type="xs:boolean"/>

 <xs:element name="allow-private-call-floor-control-protection" type="xs:boolean"/>

 <xs:element name="allow-request-affiliated-groups" type="xs:boolean"/>

 <xs:element name="allow-request-to-affiliate-other-users" type="xs:boolean"/>

 <xs:element name="allow-recommend-to-affiliate-other-users" type="xs:boolean"/>

 <xs:element name="allow-private-call-to-any-user" type="xs:boolean"/>

 <xs:element name="allow-regroup" type="xs:boolean"/>

 <xs:element name="allow-private-call-participation" type="xs:boolean"/>

 <xs:element name="allow-override-of-transmission" type="xs:boolean"/>

 <xs:element name="allow-manual-off-network-switch" type="xs:boolean"/>

 <xs:element name="allow-listen-both-overriding-and-overridden" type="xs:boolean"/>

 <xs:element name="allow-transmit-during-override" type="xs:boolean"/>

 <xs:element name="allow-off-network-group-call-change-to-emergency" type="xs:boolean"/>

 <xs:element name="allow-revoke-transmit" type="xs:boolean"/>

 <xs:element name="allow-create-group-broadcast-group" type="xs:boolean"/>

 <xs:element name="allow-create-user-broadcast-group" type="xs:boolean"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType"/>

 <xs:element name="allow-request-private-call-call-back" type="xs:boolean"/>

 <xs:element name="allow-cancel-private-call-call-back" type="xs:boolean"/>

 <xs:element name="allow-request-remote-initiated-ambient-listening" type="xs:boolean"/>

 <xs:element name="allow-request-locally-initiated-ambient-listening" type="xs:boolean"/>

 <xs:element name="allow-request-first-to-answer-call" type="xs:boolean"/>

 <xs:element name="allow-request-remote-init-private-call" type="xs:boolean"/>

 <xs:element name="allow-request-remote-init-group-call" type="xs:boolean"/>

 <xs:element name="allow-query-functional-alias-other-user" type="xs:boolean"/>

 <xs:element name="allow-takeover-functional-alias-other-user" type="xs:boolean"/>

 <xs:element name="allow-location-info-when-talking" type="xs:boolean"/>

 <xs:element name="RemoteGroupSelectionURIList" type="mcpttup:ListEntryType"/>

 <xs:element name="GroupServerInfo" type="mcpttup:GroupServerInfoType"/>

 <xs:element name="FunctionalAliasList" type="mcpttup:ListEntryType"/>

 <xs:element name="OffNetworkGroupServerInfo" type="mcpttup:GroupServerInfoType"/>

 <xs:complexType name="GroupServerInfoType">

 <xs:sequence>

 <xs:element name="GMS-Serv-Id" type="mcpttup:ListEntryType"/>

 <xs:element name="IDMS-token-endpoint" type="mcpttup:ListEntryType"/>

 <xs:element name="KMS-URI" type="mcpttup:ListEntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:element name="PrivateCallKMSURI" type="mcpttup:PrivateCallKMSURIEntryType"/>

 <xs:complexType name="PrivateCallKMSURIEntryType">

 <xs:sequence>

 <xs:element name="PrivateCallKMSURI" type="mcpttup:EntryType"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

<xs:element name="RelativePresentationPriority" type="mcpttup:PriorityListEntryType"/>

 <xs:complexType name="PriorityListEntryType">

 <xs:sequence>

 <xs:element name="Priority" type=" mcpttup:PriorityType" minOccurs="0" maxOccurs="unbounded"/>

 <xs:element name="anyExt" type="mcpttup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 </xs:complexType>

 <xs:simpleType name="PriorityType">

 <xs:restriction base="xs:nonNegativeInteger">

 <xs:minInclusive value="0"/>

 <xs:maxInclusive value="255"/>

 </xs:restriction>

 </xs:simpleType>

 <xs:attributeGroup name="IndexType">

 <xs:attribute name="index" type="xs:token"/>

 </xs:attributeGroup>

 <!-- empty complex type -->

 <xs:complexType name="emptyType"/>

 <xs:complexType name="anyExtType">

 <xs:sequence>

 <xs:any namespace="##any" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 </xs:complexType>

</xs:schema>

##### **\* \* \* \* \* END CHANGES \* \* \* \* \***