**3GPP TSG-SA WG6 Meeting #37-e S6-200644**

**e-meeting, 14th – 26th May 2020 (revision of S6-xxxxxx)**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **0** | **CR** | **0255** | **rev** |  | **Current version:** | **17.2.0** |  |
|  |
| *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:***  | Clarification on setting the MBMS broadcast areas when activating MBMS bearer |
|  |  |
| ***Source to WG:*** | at&t |
| ***Source to TSG:*** | S6 |
|  |  |
| ***Work item code:*** | enh3MCPTT |  | ***Date:*** | 2020-04-23 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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 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)* |
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| ***Reason for change:*** | According to 23.468 the GCS AS communicates with BM-SC to activate the MBMS service. In Mission Critical services the MC service server is acting as the GCS AS function to activate the MBMS bearer procedure to use MBMS service for service delivery. When using the MBMS service, the MC service server neds to inform the BM-SC where to activate the MBMS bearers so the targeted UEs will receive the MBMS broadcast service. The current specification doesn’t specify how the MC service server to construct this MBMS service area. |
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| ***Summary of change:*** | Clarify how the MC service server to construct the MBMS broadcast area parameter when activating the MBMS bearer procedure. |
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| ***Consequences if not approved:*** | Stage 3 might not clear on how to construct the MBMS broadcast areas when using the MBMS broadcast service. |
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| ***Clauses affected:*** | 10.11.4 |
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|  | **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 \* \* \* \*

### 10.11.4 Management of multicast media bearers

To activate the multicast media bearers the MC service server shall use the Activate MBMS Bearer procedure specified in 3GPP TS 23.468 [18] with the MC service server performing the GCS AS function. The MC service server shall activate MBMS bearers in broadcast areas where eMBMS capable UEs are or are expected to be located. For that, the MC service server shall use the MBMS SAI(s) and/or cell id(s) information to construct the MBMS broadcast area parameter in the Activate MBMS Bearer procedure.

To deactivate the multicast media bearers the MC service server shall use the Deactivate MBMS Bearer procedure specified in 3GPP TS 23.468 [18] with the MC service server performing the GCS AS function.

To modify multicast media bearers the MC service server shall use the Modify MBMS Bearer procedure specified in 3GPP TS 23.468 [18] with the MC service server performing the GCS AS function.