**3GPP TSG-SA1 Meeting #96e *S1-21xxxx***

**Electronic Meeting, 8 – 18 November 2021** *(revision of S1-21xxxx)*

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **22.847** | **CR** |  | **rev** | **<Rev#>** | **Current version:** | **18.0.0** |  |
|  | | | | | | | | |
| *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:*** | TACMM Consolidation of potential requirements | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | China Mobile, Huawei, InterDigital, Futurewei ?, LG ?, Xiaomi ?… | | | | | | | | | |
| ***Source to TSG:*** | SA1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | FS\_TACMM | | | | |  | ***Date:*** | | | 2021-10-14 |
|  |  | | | |  | |  | | |  |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The existing TR is missing clause 6: Consolidation of potential requirements | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adding clause 6: Consolidation of potential requirements | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The TR will be incomplete. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.1 (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

6 Consolidated requirements

6.1 Consolidated potential requirements

**Table x.1-1 – Consolidated Requirements**

| **CPR #** | **Original PR #** | **Consolidated Potential Requirement** | **Comment** |
| --- | --- | --- | --- |
| CPR 6.1-1 | [PR 5.2.6-2], [PR 5.3.6-2], [PR 5.5.6-1], [PR 5.6.6-1], [PR 5.7.6-2], [PR 5.8.6-1], [PR 5.5.6-2], [PR 5.6.6-2] | The 5G system shall support a means for an authorized 3rd party to provide 5GS with a QoS policy to be used for coordination between flows of multiple UEs associated with an application. The policy may contain e.g. the set of UEs and data flows, the expected 5GS QoS handling(s) and the associated triggering events for multiple flows of different traffic types (e.g., haptic, audio and video). | <text for comment if applicable> |
| CPR 6.1-2 | [PR 5.1.6-2], [PR 5.3.6-3], [PR 5.7.6-3], [PR 5.8.6-2] | The 5G system shall support a means for an authorized 3rd party to provide 5GS with synchronization threshold(s) between the multiple flows (e.g., haptic, audio and video) associated with a multi-modal communication session. | <text for comment if applicable> |
| CPR 6.1-3 | [PR 5.1.6-2], [PR 5.3.6-3], [PR 5.7.6-3], [PR 5.8.6-2] | The 5G system shall support a means to assist a 3rd party application to coordinate the transmission of multiple flows (e.g., haptic, audio and video) of a multi-modal communication session to enable presenting the related tactile and multi-modal data to the user within a certain time. | <text for comment if applicable> |
| CPR 6.1-4 | [PR 5.7.6-1] | The 5G system shall support a means to assist a 3rd party application to ensure users’ QoE of the multi-modal communication service involving one or multiple devices at either end of the communication. QoE refers to the difference of the physical interaction across the 5G network and the same manipulation carried out locally. | <text for comment if applicable> |