**3GPP TSG-SA4 Meeting # 127-bis-eS4-240567**

**Online, 8-12 April 2024**

|  |
| --- |
| *CR-Form-v12.2* |
| **PSEUDO CHANGE REQUEST** |
|  |
|  | **64** | **CR** | pseudo | **rev** | **-** | **Current version:** |  |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | [IBACS] pCR input to Immersive AR Media |
|  |  |
| ***Source to WG:*** | KPN N.V. |
| ***Source to TSG:*** | S4 |
|  |  |
| ***Work item code:*** | IBACS |  | ***Date:*** | 02-04-2024 |
|  |  |  |  |  |
| ***Category:*** | **C** |  | ***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 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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | Describe media handling functions for IBACS. |
|  |  |
| ***Summary of change:*** | . |
|  |  |
| ***Consequences if not approved:*** | Information for AR media handling is missing |
|  |  |
| ***Clauses affected:*** | 5.2,5.3,5.4,5.5 |
|  |  |
|  | **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:*** |  |

|  |
| --- |
| 1. Change
 |

## 5.2 Speech

[LINK TO IVAS]

## 5.3 Video

An AR-MTSI client in terminal may display video content based on AR metadata (Clause 6) and media configuration (Clause 7). The AR real-time communication aspects of this specification are not restricted to specific codecs. However, in order to support minimum service interoperability, an AR-MTSI client in terminal shall implement the UE codec and media handling requirements as specified in TS 26.114 [2].

Specifically, the AR-MTSI client in terminal may support Overlays and Scene Description-Based Overlays (as described in TS 26.114 [2] in clause Y.6.4 and Y.6.9) to render video elements in parts of the AR environment. This may result into rendering the video stream (or parts of the video stream) in a sub-area of the display device. Further, the UE may negotiate a stream characteristic most suitable for the sub-area and may renegotiate the stream characteristics in case the sub-area changes.

## 5.4 Real-time text

An AR-MTSI client in terminal may support real-time text as specified in TS 26.114 [2] and may render it as defined in the AR metadata (Clause 6)

## 5.5 Still images

An AR-MTSI client in terminal may support still images as specified in TS 26.114 [2] and may render it as defined in the AR metadata (Clause 6)

|  |
| --- |
| 1. Change
 |