**3GPP TSG-S4 Meeting #129*****S4-241615***

**Electronic Meeting, 19th –23rd August 2024**

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| *CR-Form-v12.0* | | | | | | | | |
| **PSEUDO CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **26.567** | **CR** |  | **rev** |  | **Current version:** | **0.2.0** |  |
|  | | | | | | | | |
| *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:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | InterDigital Comunications | | | | | | | | | |
| ***Source to TSG:*** | S4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SR\_IMS | | | | |  | ***Date:*** | | | 2024-08-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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 metadata format for IMS-based split rendering has not been defined in TS 26.567. The work plan document proposes to work on metadata formats for split rendering. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | This document describes the metadata format (pose and action) for IMS-based split rendering. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | |  | | | | | | | | |
| ***Q*** | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

First 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".

[2] 3GPP TS 23.228: "IP Multimedia Subsystem (IMS); Stage 2".

[3] 3GPP TS 26.264: "IMS-based AR Real-Time Communication".

[4] 3GPP TS 23.501: " System architecture for the 5G System (5GS); Stage 2".

[5] 3GPP TS 26.565: "Split Rendering Media Service Enabler".

[6] 3GPP TS 26.119: " Device Media Capabilities for Augmented Reality Services".

…

[x] <doctype> <#>[ ([up to and including]{yyyy[-mm]|V<a[.b[.c]]>}[onwards])]: "<Title>".

It is preferred that the reference to TR 21.905 be the first in the list.

next change

## 5.4 Data transport

## 5.4.1 General

This clause defines media and metadata formats that are used for IMS-based split rendering.

### 5.4.2 Metadata Formats

#### 5.4.2.1 General

SR-DCMTSI client and Media Function shall support the usage of the IMS data channel for the exchange of split rendering metadata with the MF. The data channel shall declare “3gpp-sr” as the data channel sub-protocol. The message content format depends on the type of the message. The data channel sub-protocol is defined in clause 8.3.3 of TS 26.565 [5].

#### 5.4.2.2 Pose Format

For XR services, the pose information format that is used for IMS-based split rendering shall comply with the format defined in clause 12.2 of TS 26.119 [6]. The pose information shall be carried as part of the data channel messaging mechanism. The metadata data channel message format is as defined in clause 8.3.3 of TS 26.565 [5]. The message type shall be “urn:3gpp:split-rendering:v1:pose”.

#### 5.4.2.3 Action Format

For AR services, the action information format that is used for IMS-based split rendering shall comply with the format defined in TS 26.119 [6] clause 12.3. The action information shall be carried as part of the data channel messaging mechanism. The metadata data channel message format is as defined in clause 8.3.3 of TS 26.565 [5]. The message type shall be “urn:3gpp:split-rendering:v1:action”.

End of changes