**3GPP TSG-SA WG4 Meeting #128S4-241162**

**Korea, Jeju, 20 – 24 May 2024**

Title: [Draft] Reply to LS on Media Beyond 2D and Reference Tools for XR and Immersive Media

Response to: S4-241132

Release: Rel-19

Work Item: VOPS, FS\_Beyond2D

Source: 3GPP TSG-SA WG4 (SA4)

To: 5G-MAG MEDIA ACTION GROUP

Cc: -

**Contact Person:**

Name: Thomas Stockhammer

Tel. Number:

E-mail Address: tsto@qti.qualcomm.com

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

Attachments:

**1. Overall Description:**

3GPP SA4 thanks 5G-MAG for the LS on the *Reply LS on Media Beyond 2D and Reference Tools for XR and Immersive Media*.

With respect to your recommended actions, please find the following *responses* ([SA4]).

1. In relation to “5G-MAG Report: Media Services beyond 2D: Use Cases”:
   1. 5G-MAG is aware of the recent kick-off of the 3GPP study item FS\_Beyond2D and would like to **invite 3GPP SA4 to share information about the scope of the work** and, if possible, **an early identification of potential synergies**.

*[SA4]: The scope of the FS\_Beyond2D feasibility study is document in Study Item Description in* [*SP-240479*](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_103_Maastricht_2024-03/Docs/SP-240479.zip)*. In the course of the work item,* [*TR 26.956*](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4307) *is produced. Along with this, during SA4#128, a Permanent Document (S4-241xxx) and a time plan (S4-241xxx) is available. The former includes a set of considered scenarios, and your feedback or support on developing those is welcome – including relevancy for your membership. As we expect to setup an evaluation framework for this study, 5G-MAG may be supportive in collecting representative test sequences for the considered scenarios, as well supporting the evaluation by hosting relevant material (sequences, evaluation code, etc.) on your repositories. Common members between 5G-MAG and 3GPP will be able to provide more detailed requests at appropriate time.*

* 1. General ***feedback and requests from SA4 to 5G-MAG to support the on-going specification process*** are also welcome, as 5G-MAG may consider these as part of the continuation of our work on these topics.

*[SA4]: While there is no specific request at this stage, your offer is most welcome and we will revisit this offer in upcoming meetings*

1. In relation to “5G-MAG Reference Tools releases in relation to XR and Immersive Media”:
   1. 5G-MAG ***invites SA4 to provide feedback on the features under implementation*** in relation to relevant 3GPP Work Items ([Work Items | 5G-MAG - Standards & Specifications](https://5g-mag.github.io/Standards/pages/xr/xr-worktiems.html)) and encourages contributions to the 5G-MAG Reference Tools Development Programme to support the transition of 3GPP specification work into actual services and applications.

*[SA4]: We are impressed by your efforts in reference tools and dissimimate the information across the 3GPP SA4 participants. Members are invited to individually respond. Should you identify any needs to bug fixes, clarifications or extensions based on your experience implementing 3GPP specs, please provide such information.*

1. In relation to “Input from 5G-MAG at 3GPP Stage 1 Workshop on IMT-2030”:
   1. 5G-MAG ***invites SA4 to provide feedback and comments***.

*[SA4]: Thank you for this information. Individual members reviewed the information and will surely make use of your positions in defining future work. SA4 at this stage is not yet able to provide any feedback, as we have not initiated any work towards 6G. Planning will start within the next months, but at this stage priority is on completing the ambitious work plan in Rel-19.*

**2. Actions:**

**To 5G-MAG:**

**ACTION:** SA4 requests 5G-MAG to take the above information into account and provide feedback as appropriate.

**3. Date of Next SA4 Meetings:**

SA4#129e 19th – 23rd August 2024 E-Meeting

SA4#130 18th – 22nd November 2024 Orlando, FL, USA