3GPP TSG SA WG4#125 *TDoc S4-230432*

Goteborg, Sweden, 21-25 August 2023

**Title: LS on New WID on 5G-Advanced media profiles for messaging services (PROMISE)**

**Response to: -**

**Release: Rel-18**

**Work Item: PROMISE**

**Source:** **3GPP SA4**

**To:** **GSMA NG/UPG**

**Cc: GSMA TSG**

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

**Attachments: Draft TS 26.143, CR to 26.140**

# 1 Overall description

3GPP TSG SA WG4 (SA4) would like to thank GSMA NG/UPG for their LS (UPG06\_123r2/ S4-230795) on LS Response from GMSA NG/UPG to SA4 on 5G-Advanced media formats and codecs for messaging services.

In response to the recommended actions, SA4 would like to inform GSMA NG/UPG that at SA4#124, S4-231108 New WID on 5G-Advanced media profiles for messaging services (PROMISE) was agreed and then approved by 3GPP SA#100 as SP-230542.

The purpose of this Work Item is to specify SMS/MMS/RCS/Messaging formats and codecs that GSMA and other organizations or application vendors can then reference and/or profile to improve messaging service quality and interoperability. In particular the following objectives are addressed:

1. Adding or upgrading codecs and formats in 3GPP TS 26.140, 3GPP TS 26.141.
   1. Specify the EVS codec and introduce support for Super-Wideband and Full band for speech message.
   2. When the IVAS codec is completed & approved in 3GPP, it should be added to speech messaging.
   3. Specify support for xHE-AAC codec for audio messaging in addition to aacPlus and AMR-WB+, in alignment with 5GMS TS 26.511.
   4. Add basic formats to support exchange 3D scenes and assets, based on Khronos glTF and MPEG-I Scene Description possibly in alignment with TS 26.119 and based on VR Audio/Video formats and codecs, in alignment with 5GMS TS 26.511 and TS 26.118.
   5. Upgrade video profiles in alignment with 5GMS TS 26.511.
2. Removing codecs and formats in 3GPP TS 26.140, 3GPP TS 26.141.
   1. Consider each profile and formats in light of deployed services and remove unused ones.
3. Create a new Messaging Media profiles specification (TS 26.143) for potential reference by MMS, GSMA RCS and third-party messaging application potentially used over the 5G System.

The work is planned to complete in March 2024 for inclusion in Rel-18 of 3GPP.

Attached are initial drafts of the CR to TS 26.140 and TS 26.143 for your information. 3GPP SA4 would welcome GSMA feedback. SA4 will keep GSMA NG/UPG inform about the progress of this ongoing Work Item.

# 2 Actions

**To GSMA NG/UPG**

**ACTION:** 3GPP SA4 kindly asks GSMA NG/UPG to take the information into account and would welcome any feedback on current drafts.

# 3 Dates of next TSG SA WG 4 meetings

SA4#126 13th–17th November 2023 Chicago, USA

SA4#127 27th January –2nd February 2024 Sophia-Antipolis, France