3GPP TSG SA4#127-bis-e S4-24abcd

Online, 8-12 april 2024

**Title: draft LS on Video operating points harmonization and stereo MV-HEVC work (VOPS)**

**Response to: -**

**Release: Rel-19**

**Work Item: VOPS**

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

**To:** **ISO/IEC JTC 1/SC 29/WG 03 (MPEG Systems)**

**Cc:**

**Contact person: Waqar Zia**

**waqar\_zia (at) apple.com**

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

**Attachments: S4-24wxyz [VOPS] Draft Work Plan v0.0.3**

# 1 Overall description

3GPP TSG SA WG4 (SA4) would like to inform MPEG Systems on Release-19 new work on Video Operating Points - Harmonization and Stereo MV-HEVC (VOPS) in SA4. The objectives of this work include harmonization of all the SA4 video operating points which are currently scattered in various SA4 specifications (e.g. TS 26.116, TS 26.118, TS 26.119, TS 26.143, and TS 26.511) into a new specification and definition of a stereoscopic MV-HEVC capability that includes encode/decode operating points and transport aspects (e.g. file format, CMAF, DASH) for 5G Media Streaming, messaging, and AR devices. The related work plan (v0.0.3) is attached.

SA4 has however noted a few issues being investigated currently under MPEG Systems that impact progressing on the definition of stereoscopic MV-HEVC operating point including:

1. The investigations on codecs string extension for L-HEVC in ISO/IEC 14496-15 (NALuFF) that are also used for signalling for MV-HEVC.
2. Several issues related to streaming use cases with Common media application format (CMAF) are being developed in the preliminary WD of ISO/IEC 23000-19 AMD New Structural CMAF Brand Profile.

MPEG Systems is requested to take this information into account and advise a timeline on progress of these issues in MPEG that 3GPP SA4 can then incorporate in their work plan, and also inform 3GPP SA4 on any further issues they perceive that can impact the definition of such stereoscopic MV-HEVC operating point.

# 2 Actions

**To ISO/IEC JTC 1/SC 29/WG 03 (MPEG Systems)**

**ACTION:** MPEG Systems is requested to take the above information into account and advise a timeline on progress of these issues in MPEG that 3GPP SA4 can then incorporate in their work plan, and also inform 3GPP SA4 on any further issues they perceive that can impact the definition of above outlined stereoscopic MV-HEVC operating point.

# 3 Dates of next TSG SA WG 4 meetings

SA4#128 20-24 May 2024 Jeju, Korea

SA4#129 19-23 August 2024 Online