**3GPP TSG-SA WG4 Meeting #132 S4-250xxx**

**Fukuoka, JP, 19 – 23 May 2025**

3GPP TSG SA#108 SP-24xxxx

Prague, CZ, 10 – 13 June, 2025

**Title: Presentation of Specification/Report to TSG:
TR 26.956, Version 1.0.0**

**Source: 3GPP TSG SA WG4**

**Document for: Information**

**Abstract of document:**

Various beyond 2D video representation formats and related compression technologies are available and emerging. In order to determine appropriate beyond 2D video formats for different services, it is essential to evaluate their implementability and performance, considering implementation constraints, performance indicators, and interoperability.

TR 26.956 studies available and emerging beyond 2D video formats and compression technologies, which are mostly related to specific types of services, including related capturing systems and display technologies. It documents a set of beyond 2D video end-to-end reference scenarios and workflows to support delivery over 3GPP network. For each scenario, it defines a concrete evaluation framework, including test conditions, KPIs, metrics, test sequences, and agreed reference signals. It also evaluates potential new representation formats and compression technologies relevant to each scenario.

**Changes since last presentation to SA#108:**

First presentation to TSG SA.

**Outstanding Issues:**

The following features need to be completed:

- Continue the evaluation work for the end-to-end reference scenarios.

- Identify beyond 2D representation formats and compression technologies that are relevant to 3GPP services

- Identify gaps in current network capabilities in meeting the latency and data rate requirements of beyond 2D related services.

- Identify conclusions and potential normative work.

**Contentious Issues:**

None.

Change history of this document:

1999-11-17: original issue

2007-09-06: removal of references to Working Groups; bring names of TSGs up to date; correction of typo

2015-01-06: adds tdoc header & removes redundant information below