**3GPP TSG-SA WG4 Meeting #132 S4-250890**

**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. In addition, advanced network capabilities and service extension also need to be investigated to meet the delay and data rate requirements of beyond 2D-related services.

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 end-to-end reference scenarios and workflows for beyond 2D video and evaluates potential new representation formats and compression technologies for each scenario, identifying the gaps in current standards.

**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 potential gaps or deficiencies of existing 3GPP codecs and offer recommendations to potentially extend the media capabilities in 3GPP specifications.

- 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