**3GPP TSG SA WG 1 Meeting #104 S1-233zzz**

**Chicago, USA, 13-17 November 2023** *(revision of S1-23xxxx)*

**Title: Presentation of Specification to TSG: TR 22.156 1.1.0**

**Source: Rapporteur (Samsung)**

**Document for: Information**

**Abstract of document:**

TS 22.156 has advanced and is provided to TSG SA for information. This TS provides Stage 1 normative service and performance requirements for diverse service enablers to enhance XR-based services. The term 'metaverse' in the title of the present document embraces the broader implications of AR and VR.

Service enablers considered in this document include:

- Localized mobile metaverse service functionality;

- Avatar-based real-time communication functionality;

- Digital asset management functionality;

- Operation efficiency, exposure, coordination of mobile metaverse services.

**Changes since last presentation to TSG SA:**

TS 22.156 has advanced to include

- Additional conclusions agreed at SA1 103 will be proposed as pCRs to TS 22.156.

- Removal of Editor's Notes.

- Alignment with TS 22.261.

- Clean up of TS 22.156.

**Outstanding Issues:**

None

**Contentious Issues:**

None