**SA WG2 Meeting #163 S2-** **2406804**

**Jeju, Korea, May 27 – May 31, 2024 (was S2-24XXXXX)**

**Source: Meta USA, Nokia (to be SA WG2)**

**Title: Presentation of TR 23.700-70 to TSG-SA#104 for Information**

**Document for: Information**

**Agenda Item: 19.3**

**Work Item / Release: FS\_XRM Ph2 / Rel-19**

**Abstract of document:**

The scope of the Technical Report is to study architecture enhancements to further support advanced media services, e.g. AR/VR/XR services in 5GS. Objectives of the study include the following areas:

- Enhance PDU Set based QoS handling.

- Enhance QoS handling for XR services.

- Enhance support of XR based on non-3GPP access.

- Expose XR related network capability/information towards the application layer.

9 key issues with 34 solutions are documented in the Technical Report.

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

This is the first presentation to TSG SA for information.

Solutions for all the key issues been described, as well as some conclusions documented.

The TR is considered 90% complete.

**Outstanding Issues:**

The following topics need to be concluded in next working group meeting:

- General editor’s notes documented in the interim conclusions for various KI#s.

- ~~Support of PDU set based QoS handling enhancement with AL-FEC (KI#1)~~

- Support PDU Set information identification for end-to-end encrypted XRM traffic (KI#2)

- QoS Handling when Traffic Characteristics Change Dynamically with data boost indication from N6 (KI#5)

- Network exposure related to AMBR for PDU session and rate limiting information

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**Contentious Issues:**

TBD.