**SA WG2 Meeting #152E e-meeting S2-2206956**

**August 17th – 26th 2022, Elbonia (revision of S2-220xxxx)**

**Title: Presentation of Report to TSG:
TR 23.700-60, Version 0.4.0**

**Source: China Mobile, Huawei**

**Document for: Information**

**Abstract of document:**

The Technical Report 23.700-60 aims at identify the system architecture aspects related to better support advanced media services, e.g., High Data Rate Low Latency (HDRLL) services, AR/VR/XR services, and tactile/multi-modality communication.

1. Enhancements for supporting multi-modality service;
2. Study whether and how interaction between AF and 5GS is needed for application synchronization and QoS policy coordination among multiple UEs or between multiple QoS flows per UE.
3. Study exposure of 5GS QoS information (e.g., QoS capabilities) and network conditions to the Application to enable quick codec/rate adaptation help to provide desired QoE (e.g. such as assist in alleviating 5GS congestion).
4. Study the traffic characteristics of media service enabling improved network resources usage and QoE.
5. Enhance QoS framework to support media units granularity (e.g., video/audio frame/tile, Application Data Unit, control information), where media units consist of PDUs that have the same QoS requirements.
6. Support differentiated QoS handling considering different importance of media units. e.g., eligible drop packets belong to less important media units to reduce the resource wasting.
7. Whether and how to support uplink-downlink transmission coordination to meet RTT (Round-Trip Time) latency requirements between UE and N6 termination point at the UPF.
8. Potential policy enhancements to minimize the jitter, focusing on i.e. requirement provisioning from AF, extension of PCC rule.
9. Power saving enhancement e.g. support trade-off of throughput/latency/reliability considering device battery life, whether and how to enhance CDRX, considering XR/media traffic pattern.

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

This is the first presentation to TSG SA.

75 solutions have been developed to solve 9 Key Issues.

KI#7 have been concluded entirely, and others have not yet been concluded.

TR completion is 75%.

**Outstanding Issues:**

None

**Contentious Issues:**

None.