3GPP TSG-SA WG2#163 S2-240xxxx

27 – 31 May, 2024, Jeju, Korea (revision of S2-2406829)

**Source: Apple, China Telecom**

**Title: Cover sheet for presentation of TR 23.700-54 to TSG SA for information**

**Document for: Approval**

**Agenda Item: 19.4**

**Work Item / Release:** **FS\_MASSS / Rel-19**

*Abstract of the contribution: This is the coversheet for presenting TR 23.700-54 to TSG SA for information.*

3GPP TSG-SA Meeting #104 <SP-24xxxx>

18 – 21 June, Shanghai, China

**Title: Presentation of Report to TSG:
TR 23.700-54, Version 1.0.0**

**Source: TSG SA WG2**

**Document for: Approval**

**Abstract of document:**

The scope of this Technical Report is to:

- study and identify potential architecture and system level enhancements for the 5G system to support the operation of the DualSteer Device that is capable of traffic steering and switching of user data for different services across two 3GPP access networks. The study addresses the service requirements documented in TS 22.261 and focuses on various aspects of architecture and functional enhancements including:

- impacts on subscription;

- impacts on registration procedure; and

- impacts on session management procedure and policies.

- study how the MPQUIC steering functionality defined in Rel-18 ATSSS can be extended to be able to steer, switch, and split non-UDP traffic (TCP, IP, Ethernet traffic); and

- study whether and how an alternative architecture and system level enhancements for ATSSS that does not require the existing non-3GPP interworking/gateway function, i.e. N3IWF, TNGF.

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

This is the first presentation to TSG SA for information.

The TR is considered 70% complete.

**Outstanding Issues:**

Conclusions for KI#1.1, KI#1.2, KI#1.3 and KI#1.4 to be completed during SA2#164.

KI#2.2 final conclusion to be confirmed during SA2#164.

SA3 dependent solutions require feedbacks from SA3 for normative work alignments.

**Contentious Issues:**

None.