**SA WG2 Meeting #161 S2-2403253**

**February 26th – March 1st, 2024, Athens, Greece (revision of S2-2402164)**

**Source: Apple, ETRI, Nokia, Nokia Shanghai Bell, LG Electronics, Interdigital, China Telecom, OPPO, NEC, KDDI**

**Title: FS\_MASSS DualSteer Key Issue for Session management aspects**

**Document for: Approval**

**Agenda Item: 19.13**

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

*Abstract of the contribution: This paper proposes a new Key Issue to cover the Session management aspects of WT#1.3 for DualSteer for the FS\_MASSS TR 23.700-54.*

# 1 Discussion

This paper proposes a new Key Issue to cover theSession management aspects ofWT#1.3 of the FS\_MASSS SID (SP-2401315).

# 2 Proposal

It is proposed to include the following changes in TR 23.700-54 V0.1.0

 **\* \* \* \* Start of Changes \* \* \* \***

## 5.1 Key Issue for DualSteer

### 5.1.x Key Issue #X: Session management aspects for DualSteer

#### 5.1.x.1 Description

This key issue will study the following potential session management enhancements to support DualSteer:

- Whether and how to enhance session management functions and procedures for DualSteer traffic steering of a new service to a 3GPP access network and/or the DualSteer traffic switching across two 3GPP access networks belonging to the same PLMN (either HPLMN or VPLMN) or two different PLMNs or PLMN and PNI-NPN, which may further include the following:

- Whether and what enhancements are required in PDU Session establishment/modification/release;

- Whether and what enhancements are required for N4 session management between the SMF and UPF, or between SMF+PGW-C and UPF+PGW-U; and

- For session subject to potential switching and/or to traffic steering, how the network selects the PSA UPF(s) or UPF+PGW-U to allow routing the traffic across 3GPP access networks towards the same PSA UPF or UPF+PGW-U to support DualSteer.

NOTE 1: Impact to existing session management functionality related to the change of a service-related data between a 3GPP access network and a non-3GPP access network will be considered as part of this key issue.

NOTE 2: The 5GC-EPC scenarios will be studied once the baseline 5GC-5GC scenarios are stable.

**\* \* \* \* End of Changes \* \* \* \***