**SA WG2 Meeting #160-AH-e S2-2401329r20**

**January 22 - 29, 2024, Electronic Meeting**

**Source: Apple, ETRI, Nokia, Nokia Shanghai Bell**

**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-231802).

# 2 Proposal

It is proposed to include the following changes in TR 23.700-54 V0.0.0.

**\* \* \* \* 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 following:

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

- 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;

Splitting functionality is not supported for DualSteer in any scenario.

NOTE: 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.

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