**3GPP TSG-SA3 Meeting #119 S3-245258**

**Orlando, USA 11 – 15 November 2024** *revision of S3-244957*

**Source: Qualcomm Incorporated, InterDigital France R&D**

**Title: Enhancing the conclusion of KI#1**

**Document for: Approval**

**Agenda Item: 5.11**

1 Decision/action requested

***This contribution proposes to enhance the conclusion of KI#1.***

2 References

[1] S3-243830 draft TR 33.759 v0.4.0

[2] S2-2411161

3 Rationale

At the last meeting, SA3 were discussing the re-use of UUAA procedures during a USS change. SA2 agreed a CR [2] that makes it clear that from SA2’s perspective that the UUAA procedures are used during a USS change. This contribution proposes to add the re-use of existing procedures during a USS changeover.

4 Detailed proposal

It is proposed to approve the below for inclusion in [1].

**\*\*\*\* START OF CHANGES \*\*\*\***

7.1 Conclusion on KI #1

For Key issue #1 on the support for the multiple USS and changeover from one USS to another, the following principles apply:

- UAS NF receives and maintains info about authorized USS(es). UAS NF stores authorized USS(es) info as part of the UUAA context.

- UAS NF performs a changeover of USS with the authorized target USS based on an existing re-authentication/authorization procedure. The UAS NF checks that the target USS matches one of the authorized USS(es) in the UUAA context during the procedure. The UAS NF marks the target USS as new serving USS in the UUAA context. The serving USS informs the UAV and the target USS about the changeover.

- UAS NF verifies that a USS requesting information of a UAV corresponds to an authorized USS (serving USS or target USS) in the UUAA context.

NOTE: the specified mechanisms to support multiple USS and USS changeover are to be aligned with procedures defined in TS 23.256 [3].

**\*\*\*\* END OF CHANGES \*\*\*\***