**3GPP TSG-SA3 Meeting #119 S3-24xxxx**

**Orlando, US, 11 -15 November 2024**

**Title: [draft] Reply LS on FS\_5GSAT\_Ph3\_ARCH conclusions**

**Response to: S3-244645/S2-2411250 Reply LS on FS\_5GSAT\_Ph3\_ARCH conclusions**

Release: Rel-19

Work Item: FS\_5GSAT\_SEC\_Ph3

Source: SA3

To: SA2

Cc: -

Contact Person: Wei Zhou

E-mail Address: zhouwei@catt.cn

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:**

**1. Overall Description:**

SA2 thanks SA3 for the LS on FS\_5GSAT\_Ph3\_ARCH conclusions (S3‑243533). SA3 would like to provide SA2 with the following information related to split-MME architecture:

- SA3 has concluded that the last NAS security context of the UE is available at the MME on-board which processes the NAS security. Therefore, NAS ciphering/deciphering and integrity protection functions can be handled in the MME-onboard when service link is available.

- SA3 has concluded that S&F operation involving multiple satellites of the same PLMN will be supported.

In the above context involving multiple satellites, SA3 has also concluded that the NAS security context of the UE is transferred between MMEs using S10 interface.

**2. Actions:**

**To SA2**

**ACTION:** SA3 kindly asks SA2 to take the above information into account.

**3. Date of Next SA2 Meeting:**

SA3#120 February 17th – 21st, 2025 Athens, GR

SA3#121 April 07st – 11th, 2025 Goteborg, SE