**3GPP TSG-SA3 Meeting #124 S3-253797**

Wuhan, China, 13 – 17 October 2025

**Title:** Reply LS on issues related to support of IMS voice over NB-IoT NTN connected to EPC

**Response to:** S3-253118/S2-2507636 LS on issues related to support of IMS voice over NB-IoT NTN connected to EPC

**Release:** Rel-20

**Work Item:** FS\_5GSAT\_Ph4\_SEC

**Source:** SA3

**To:** SA2

**Cc:** RAN2, SA4, CT1, SA1, RAN1

**Contact person:** Li Hu

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

**Attachments:**

1 Overall description

SA3 thanks SA2 for the LS on issues related to support of IMS voice over NB-IoT NTN connected to EPC (S3-253118/S2-2507636).

SA3 has discussed the following question address to SA3:

**Question 7** (**To SA3**): Considering that in the context of alternative solutions documented in TR 23.700-19 for the support of IMS voice over NB-IoT NTN connected to EPC, a specific SRB (i.e. via a dedicated EPS bearer for Data over NAS) will be used for transfer of voice media packets only, is there a concern to eliminate the 5 bytes of NAS layer security overhead?

**Answer**: The majority of companies in SA3 were not in favour of allowing non-integrity protected voice packets to be sent over NAS to the MME. Hence there was no consensus in SA3 to eliminate the 5 bytes of NAS layer security overhead.

2 Actions

**To SA2**

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

3 Dates of next TSG SA WG2 meetings

TSG SA WG3 Meeting #125 2025-11-17 ~ 2025-11-21 Dallas, US

TSG SA WG2 Meeting #126 2026-02-09 ~ 2026-02-13 India(TBD)