**3GPP TSG-SA3 Meeting #105-e *draft\_S3-214462-r1***

e-meeting, 8 - 19 November 2021

**Title: LS on LTE User Plane Integrity Protection**

**Release: 17**

**Work Item:** **UPIP\_SEC\_LTE**

**Source: SA3**

**To: RAN2, RAN3**

**Cc: SA, RAN**

**Contact person: Tim Evans (Vodafone)**

**tim.evans1@vodafone.com**

**+447920 87 1635**

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

**Attachments:** TBA (CR to TS 33.501 and TS 33.401)

# 1 Overall description

SA3 would like to inform that the work on integrity protection for user plane in EPS has been completed except for the following issue which is in the remits of RAN groups and hence left open.

SA3 has decided to use LTE algorithms for integrity protection of the user plane. However, SA3 did not decide on using either LTE or NR algorithm code points for signalling to the UE which integrity algorithm to use. SA3 does not see any security issue with choosing either of the alternatives. This is because the algorithms are identical and can be mapped to each other. Therefore, SA3 kindly requests the RAN groups to take the final decision in this matter and inform SA3.

To complete the work, SA3 has agreed on the attached CRs.

# 2 Actions

**To RAN2 and RAN3**

**ACTION:** SA3 kindly requests RAN2 and RAN3 to take this information into account and for RAN2 to inform SA3 on their final decision with respect to which algorithm code points are to be used.

# 3 Dates of next TSG SA WG 3 meetings

SA3#106 7-11 February 2022 TBD

SA3#106-Bis 4 - 8 April 2022 TBD