3GPP TSG SA WG 3 Meeting SA3#102e TDoc <TDocNumber>

Electronic meeting, Online, 18 - 29 January 2021

**Title: Reply LS to LS on** **Security Requirements for Sidelink/PC5 Relays**

**Response to: LS S2-2004750**

**Release: Rel-17**

**Work Item: FS\_5G\_ProSe**

**Source: Tobe SA3**

**To: SA2,**

**Cc: RAN2, RAN3**

**Contact person: Suresh Nair**

**Suresh.p.nair@nokia.com**

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

**Attachments:** None

# 1 Overall description

SA3 thanks SA2 for the LS S2-2004750 on FS\_5G\_ProSe in TR 23.752.

Corresponding to the SA2 study, SA3 is studying all the related security aspects in TR 33.847. The study is progressing with 15 key issues and 23 solution proposals, so far. The study covers key issues and solutions for the architectural options UE-to-Network Relays and UE-to-UE Relays. UE-to-Network Relays with Layer-2 and Layer-3 solutions are also being studied.

With multiple solutions being proposed for Layer-3 and Layer-2 relays, The current observation of SA3 is that technically feasible solutions are possible for all the architectural options listed in TR23.752. No security roadblocks for any of the architectural key issues in TR23.752 are anticipated at this time. Evaluation of architecture impact will be made for each of the solutions to facilitate conclusion drawing by SA2 on the architecture options.

# 2 Actions

**To: SA2**

**ACTION:** SA3 kindly ask SA2 to take the above reply into consideration. If SA2 makes further conclusions on the architectural options L2 vs L3 relays, please keep SA3 informed.

# 3 Dates of next TSG SA WG 3 meetings

SA3#102e-Bis 1 - 5 March 2021> Electronic meeting

SA3#103e 17 - 28 may 2021 Electronic meeting