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 16 key issues and 23 solution proposals, so far. The study covers 11 key issues and their corresponding 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, feasibility of each of the solutions still relies on whether the open issues captured in editor’s notes can be addressed, some of which are dependent on SA2. There are no conclusions available on any of the solutions at present time. Evaluation of impact on architecture 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