**3GPP TSG-SA3 Meeting #115S3-24xxxx-r2**

Athens, Greece, 26th February - 1st March 2024 *revision of S3-240638*

**Title: [Draft] Reply LS on Clarification related to reliable location**

**Response to:** **(S3-240234/ S2-2309698) Clarification related to reliable location**

**Release: Rel-18**

**Work Item: UAS\_Ph2**

**Source: Ericsson, to be SA3**

**To: SA2**

**Cc:**

**Contact person: Ferhat Karakoc**

 **ferhat dot karakoc at ericsson dot com**

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

**Attachments:** -

# 1 Overall description

SA3 would like to thank SA2 for the LS on clarification related to reliable location.

According to Rel17 TS 33.256, reliability means using the existing network-assisted positioning method in Rel-17, which relies on location measurements from NG-RAN nodes. SA3 does not want the additional/new positioning method for this requirement in Rel-17 and Rel-18. However, according to SA3 understanding, the reliable location term could also mean the location information which is calculated or verified by the network. Thus, the positioning methods which include calculation or verification by the network by using the location measurement from NG-RAN nodes would satisfy the requirement about reliable location.

SA3 kindly asks SA2 to provide more information about the need of adding position methods which rely on the location measurement from the UEs, and additionally network/LMF verifies the location estimate calculated using UE based measurement by using Network Assisted Positioning method which relies on the location measurement from NG-RAN nodes. Also, SA3 would like to learn the positioning accuracy requirement. If agreeable to SA3, this can be added as a part of UAS Rel-19 security study.

SA3 kindly asks SA2 to take the above information into account and inform SA3.

# 2 Actions

**To:** SA2

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

# 3 Dates of next TSG SA WG 3 meetings

SA3#115AdHoc-e 15 - 19 April 2024 Electronic meeting

SA3#116 20 - 24 May 2024 Jeju (South Korea)

SA3#117 19 - 23 August 2024 Maastricht (Netherlands)