**3GPP TSG-SA3 Meeting #116 *draft\_S3-242258-r1***

Jeju, South Korea, 20th - 24th May 2024

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

**Response to:** **(S3-241750/ S2-2309698) Clarification related to reliable location**

**Release: Rel-17**

**Work Item: ID\_UAS**

**Source: Ericsson, to be SA3**

**To: SA2**

**Cc:**

**Contact person: Markus Hanhisalo**

 **markus.hanhisalo@ericsson.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 and provide answer for the question in the LS.

**SA2 question:**

*SA3 specified in TS 33.256 that “On the condition of the location services provided by GMLC, the GMLC indicates LMF via AMF to select Network Assisted Positioning method which relies on the location measurement from NG-RAN nodes, if receiving reliable location information request”.*

*Proposals were brought to SA2 to add 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.*

*SA2 asks SA3 whether, in order to satisfy the current reliable location information request, additional positioning methods should be considered and what would be the requirements for that.*

**SA3 answer:**

According to Rel-17 TS 33.256, reliability means using the existing network-assisted positioning method in Rel-17, which relies on location measurements from RAN nodes. There is no agreement in SA3 on the the additional/new positioning method for this requirement in Rel-17 and Rel-18.

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

# 2 Actions

**To:** SA2

**ACTION:** SA3 kindly asks SA2 to take the above information into account and inform SA3 if any further clarification is needed.

# 3 Dates of next TSG SA WG 3 meetings

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

SA3#118 14 - 18 October 2024 Hyderabad (India)