3GPP TSG-RAN Meeting #95e RP-22xxxx
Electronic meeting, March 17 - 23, 2022

Title: LS response to ETSI TC LI on Location Services for Drones

Response to: (RP-220030) LI(22)P59034r1 Response LS to RAN on Location Services for Drones

Source: Ericsson [TSG-RAN]

To: ETSI TC LI

Cc: 3GPP RAN2, 3GPP SA3 LI

**Contact Person:**

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

Attachments: None

**1. Overall Description:**

TSG RAN thanks ETSI TC LI for their liaison titled "LS response to 3GPP RAN on Location Services: Drones".

RAN has standardized NR positioning in Rel-15, Rel-16, and Rel-17. Like other features in 3GPP, positioning has not been specified specifically for one use case (e.g., drone positioning) but in a use case agnostic mannertargeting any commercial use case or regulatory requirements. The WI summaries can be found in [TR 21.916](https://www.3gpp.org/DynaReport/21916.htm) for Rel-16 and [TR 21.917](https://www.3gpp.org/DynaReport/21917.htm) for Rel-17.

In TSG RAN, requirements are captured in Technical Reports (TRs). Only the specified functionality is captured in Technical Specifications (TSs) which contains the normative specification. The list of TSs impacted by the NR positioning Work Items can be found in the corresponding Work Item Descriptions, i.e. [RP-191156](http://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_84/Docs//RP-191156.zip) for Rel-16 and [RP-210903](http://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_91e/Docs//RP-210903.zip) for Rel-17: 37.355, 38.133, 38.171, 38.211, 38.212, 38.213, 38.214, 38.215, 38.300, 38.305, 38.306, 38.321, 38.331, 38.401, 38.413, 38.423, 38.455, 38.473. The TSs in the 36-series corresponding to the above listed specs of the 38-series are covering the normative specification for LTE positioning: 36.133, 36.171, 36.211, 36.212, 36.213, 36.214, 36.300, 36.305, 36.306, 36.321, 36.331, 36.401, 36.413, 36.423, 36.455.

**2. Actions:**

TSG RAN asks ETSI TC LI to take the above information into account in their future work.

**3. Date of Next TSG-RAN Meetings:**

TSG-RAN Meeting #96 6. – 9. June 2022 Budapest

TSG-RAN Meeting #97 12. – 16. September 2022 electronic