**3GPP TSG-RAN WG2 #127bisR2-240xxxx**

**Hefei, China, 14-18 October 2024**

**Title:** ReplyLS on synchronization source change at the transmitting anchor UE in SL positioning

**Release:** Rel-18

**Work Item:** NR\_pos\_enh2-Core

**Source:** 3GPP TSG-RAN WG2

**To:** 3GPP TSG-RAN WG4, 3GPP TSG-RAN WG1

**Contact Person:**

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**Attachments:** None

1. **Overall Description:**

RAN2 would like to thank RAN4 for the LS. Below is the RAN2 view of the question asked by RAN4.

* RAN2 do not intend to make any spec changes in Rel-18 to support signalling of sync source type change (for any SL positioning method).

RAN2 would also like to inform RAN4 and RAN1 that there is support of signalling indication of sync source type from a UE transmitting SL-PRS to inform another UE performing an SL positioning measurement for SL-TDOA and SL-RTOA positioning methods. However, the same indication is not currently supported for SL-RTT positioning method.

RAN2 would like to ask RAN1 if they view the need to make any spec changes in Rel-18 to support signalling of sync source type also for SL-RTT positioning method.

**2. Actions:**

**To RAN4:**

**ACTION:** RAN2 kindly requests RAN4 to consider above answer for their Rel-18 specification work.

**To RAN1:**

**ACTION:** RAN2 kindly asks RAN1 if they view the need to make any spec changes in Rel-18 to support signalling of sync source type for SL-RTT positioning method.

**3. Date of Next TSG-RAN WG4 Meetings:**

TSG-RAN WG2 Meeting #128 Orlando, USA November 18 – November 22, 2024

TSG-RAN WG2 Meeting #129 Greece February 17 – February 21, 2025