**3GPP TSG RAN WG2 #125 R2-24xxxxx**

**Athens, Greece, 26th February - 1st March 2024**

**Title:** Reply LS on L2ID and User Info for L2 based U2U

**Response to:** R2-2400072 (S2-2313796) Reply LS on L2ID and User Info for L2 based U2U

**Release:** Rel-18

**Work Item:** NR\_SL\_relay\_enh-Core

**Source:** Qualcomm [To be RAN2]

**To:** SA2, CT1

**Contact Person:**

**Name: Jianhua Liu**

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

**Attachments:** NA

# **1. Overall Description:**

RAN2 thanks SA2 for the reply LS on L2ID and User Info for L2 based U2U.

In regards of SA2 reply, RAN2 discussed which Remote UE ID should be used in AS layer when assigning Local ID and related interactions between AS layer and ProSe layer, and achieved the following agreements.

Agreements:

There are no concurrent PC5 connection setup procedures between a single source remote UE and different target remote UEs via the same relay UE. RAN2 will not capture this in a spec and it is left to SA2 to decide if there is something to capture.

Before receiving Layer-2 ID from AS layer, source Remote UE does not trigger PC5 connection setup procedure towards another target Remote UE via the same relay UE.

During Local ID assignment, Relay UE indicates to the source Remote UE layer-2 ID of the target Remote UE ID in RRCReconfigurationSidelink.

Source Remote UE indicates layer-2 ID of the target Remote UE to ProSe layer.

Source Remote UE AS layer maintains Layer-2 ID and local ID mapping per relay UE.

RAN2 respectfully asks SA2 and CT1 to take the above agreements into account,and provide feedback if having any concerns.

# **2. Actions:**

**To: SA2**

**ACTION:** RAN2 respectfully asks SA2 to take the above information into account,and provide feedback if having any concerns.

# **3. Date of Next RAN2 Meetings:**

TSG-RAN WG2 Meeting #125bis 15 – 19 April 2024 Changsha, China

TSG-RAN WG2 Meeting #126 20 – 24 May 2024 Fukuoka City, Japan