**3GPP TSG-CT WG1 Meeting #138-eC1-226026**

**E-Meeting, 10th – 14th October 2022**

Title: LS on clarification for UE\_NOT\_FOUND cause code for UP in CT1

Response to: None

Release: Rel-17

Work Item: 5G\_ProSe

Source: CT1

To: SA3

Cc: -

**Contact Person:**

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

Attachments: -

**1. Overall Description:**

CT1 discussed the PRUK desynchronization error scenario between Remote UE and PKMF during PC5 link establishment in C1-225705. The condition of UP PRUK ID not being found by PKMF is supported by CT4 in TS 29.559 clause 6.1.7.3, but this condition is currently not handled by the Relay and the Remote UE in TS 24.554. Without specific handling for that error condition, the Remote UE may try to reconnect to the Relay using the same PRUK ID and fail.

Considering that the Remote UE may be in or out of coverage, CT1 would like to ask SA3 to provide feedback on the following questions regarding:

* In the case of UE\_NOT\_FOUND, which is the cause value the relay UE receives from the PKMF, how the relay UE should interpret this cause for the Remote UE, and what should be the Remote UE’s response or reaction?

**2. Actions:**

**To SA3**

**ACTION:** CT1 kindly ask SA3 to answer the questions above and provide any feedback necessary.

**3. Date of Next CT1 Meetings:**

CT1#139 14th - 18th November 2022 Toulouse, France