**3GPP TSG-CT WG1 Meeting #146C1-240398**

Online, 22 – 26 January 2024 *was\_C1-240080*

**Source: vivo**

**Title: Pseudo-CR on the description of the LCS-UP connection modification**

**Spec: 3GPP TS 24.572 v1.0.0**

**Agenda item: 18.2.19**

**Document for: Approval**

**1. Introduction**

TS 24.572 is a newly created specification to capture the detail of LCS user plane protocol to support the LPP and LCS messages transfer between the UE and the LMF, LCS client, and AF.

**2. Reason for Change**

As per the modification of LCS-UP statements described in TS 23.273, the modification of LCS-UP includes the connection re-establishment and the LMF change. Instead of creating a new procedure for the modification, reusing the current establishment procedure is more consistent with the stage 2 logic especially the step 2 shown in subclause 6.18.3 of TS 23.273.

This pCR proposes to capture the re-establishment scenario:

* When the LMF needs to re-establish an existing LCS-UP connection, the LMF reuses the user plane connection information provisioning procedure as specified in subclause 6.2.2.1.1;

**3. Proposal**

It is proposed to agree with the following changes to 3GPP TS 24.572 v1.0.0.

\* \* \* First Change \* \* \* \*

### 4.2.3 User plane positioning connection management

The user plane positioning connection management is to support the establishment, modification, and release of the user plane connection between the UE and the LMF.

To trigger the UE to establish or re-establish a user plane connection between the UE and the LMF, the LMF shall provide the user plane connection information to the UE. The UE can also send the user plane positioning request message to the LMF to obtain the user plane connection information. The user plane connection information includes the address of the LMF.

\* \* \* End of Changes \* \* \* \*