**3GPP TSG-CT WG1 Meeting #146C1-240210**

E-meeting , 22– 26 January 2024

**Source: CATT**

**Title: Update the overview of the UPP-CM procedure**

**Spec: 3GPP TS 24.572**

**Agenda item: 18.2.19**

**Document for: Agreement**

**1. Introduction**

TS 24.572 is a newly created specification to capture the LCS user plane protocol to support the LPP and LCS messages transfer between the UE and the LMF. This contribution proposes editorial modifications to the overview of the UPP-CM procedure.

**2. Reason for Change**

There are two subclause (6.1 and 6.2.1) in clause 6 that are related to the overview of the UPP-CM procedure, so it is proposed to merge them together.

**3. Proposal**

It is proposed to agree the following changes to 3GPP TS 24.572 v1.1.0.

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

# 6 Elementary procedures for UPP-CM

## 6.1 Overview

### 6.1.1 General

This clause defines the UPP-CM procedures (clause 6.2). The format and coding of the messages and information elements are specified in clause 10.3 and 11.3 respectively.

The user plane positioning connection management is to support the management of a secure user plane connection between the UE and the LMF.

The UPP-CM messages defined in this clause can be included in the UPP-CMI container of the UL NAS Transport messages and DL NAS Transport messages defined in 3GPP TS 24.501 [4].

### 6.1.2 Types of UPP-CM procedures

Two types of UPP-CM procedures can be distinguished:

a) Procedures related to establish the user plane connection for LCS-UPP:1) Initiated by the network:

i) user plane connection information provisioning procedure.

2) Initiated by the UE:

i) UE originated user plane connection establishment request procedure.

Upon successful completion of the UE originated user plane connection establishment request procedure, the LMF shall initiate the user plane connection information provisioning procedure.

b) Procedures related to release the user plane connection for LCS-UPP:

1) Initiated by the network:

i) User plane connection release procedure.

## 6.2 UPP-CM procedures

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