**3GPP TSG-CT WG1 Meeting #146C1-240091**

**Online, 22– 26 January 2024**

**Source: Nokia, Nokia Shanghai Bell**

**Title: Pseudo-CR on** **located UE selection**

**Spec: 3GPP TS 24.514 v0.5.0**

**Agenda item: 18.2.23**

**Document for: Approval**

**1. Introduction**

This p-CR provide clarifications for located UE selection.

**2. Reason for Change**

Clause 6.4.1 specifies that located UE selection is done by the LMF or the target UE. However, it does not clarify that, whether the selection is done by the LMF or the target UE depends on the procedure in which the located UE selection is performed.

**3. Proposal**

It is proposed to agree the following changes to 3GPP TS 24.514 v0.5.0.

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

### 6.4.1 General

When ranging and sidelink positioning service is applied for a target UE, located UE(s) is discovered by the target UE. Located UE discovery can be triggered by LMF or the application layer of the target UE.

When multiple candidate located UEs are discovered, the located UE(s) is selected by the LMF or the target UE from the list of candidate located UEs. Whether the selection is done by the LMF or by the target UE, is based on the procedure in which the located UE selection is performed as specified in clause 6.20 of 3GPP TS 23.273 [11].

The located UE(s) is selected based on the following:

- candidate list of located UE(s) received from the LMF, if available;

- capabilities of the candidate located UE(s), e.g. the supported Sidelink Positioning methods;

- the required positioning QoS;

- whether the serving PLMN of candidate located UE(s) is same with serving PLMN of target UE;

- candidate located UE's information including, whether the UE is in coverage or not, UE’s location, etc.

When LMF performs located UE(s) selection, the target UE sends the multiple discovered candidate located UEs to the LMF for the selection. After the LMF determines the selected located UE(s), the LMF sends the selected located UE(s) to the Target UE.

When target UE performs located UEs selection based on a request from LMF, the target UE shall send the selected candidate located UE(s) to the LMF.

Procedure of target UE selecting located UE is specified in clause 6.4.2.1.

Procedure of LMF selecting located UE is specified in clause 6.4.2.2.

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