**3GPP TSG-CT Meeting #103CP-233abc**

**Maastricht , NL, 18th – 19th March 2024**

**Title: Presentation of Specification to TSG:**

**TS 24.514, Version 2.0.0**

**Source: TSG CT WG1**

**Document for: Approval**

**Abstract of document:**

The present document specifies the stage 3 protocol for ranging based service and sidelink positioning in 5G system.

The 5G System stage 2 architecture and procedures for ranging based service and sidelink positioning are specified in 3GPP TS 23.586.

The present document defines the associated procedures, and also defines the message format, message contents, error handling and system parameters applied by the protocols for ranging based service and sidelink positioning in 5GS.

**Changes since last presentation to CT Meeting #102:**

This is the first presentation of TS 24.514 to CT Plenary.

**Outstanding Issues:**

* UE Discovery/selection considering coverage condition/required positioning QoS/ UE capabilities depending on stage 2 input;
* Potential privacy check on UE side depending on stage 2 input;
* Any potential updates required based on stage 2 update
* Alignments and editorial updates.

**Contentious Issues:**

* UE Discovery/selection considering coverage condition/required positioning QoS/ UE capabilities depending on stage 2 input;
* Potential privacy check on UE side depending on stage 2 input.

Change history of this document:

1999-11-17: original issue

2007-09-06: removal of references to Working Groups; bring names of TSGs up to date; correction of typo

2015-01-06: adds tdoc header & removes redundant information below