

Status Report for WI to TSG

Work Item Name: UE Positioning Enhancements for 1.28 Mcps TDD

SOURCE: Rapporteur

TSG: RAN

WG: 2

E-mail address rapporteur:wangdr@catt.ac.cn

Ref. to WI sheet: RAN work Items.doc

Progress Report since the last TSG (for all involved WGs):

This document provides a status report of the work item "UE Positioning Enhancements for 1.28 Mcps TDD". The status of each involved WG progress since last meeting is summarized below:

RAN WG2:

WG2 is the leading group of this Work Item. No progress was made in WG2 since last RAN plenary except including some approved content at other relevant WGs. The work in WG2 is almost complete.

RAN WG3

Since last TSG RAN#13, WG3 work about UE positioning Enhancements for 1.28 Mcps TDD make great progress.

Three contributions for the internal Technical Report R3.003 "UE positioning Enhancements for 1.28 Mcps TDD (Iub/Iur aspect)" were presented in RAN WG3#24 meeting in NYC, describing the agreements and associated contributions, the specification impact and associated change requests and backward compatibility.

The TR was considered to be complete and was approved as version 1.0.0 at RAN WG3#25 meeting in Japan. RAN WG3 would like to ask the RAN WG2 as the prime responsible WG for this WI and TR 25.859 (Release 5) to include the relevant chapter included in the internal TR R3.003 into TR25.859.

RAN WG4:

Definition of the confidence levels & accuracy, range/mapping of the AOA measurement have been considered in RAN4 #20. Work on measurements parameters is ongoing and further information will be provided. WG4 send LS(R4-011614) to answer WG2 and relevant WGs.

RAN WG4 would like to ask the RAN WG2 as the prime responsible WG for this WI and TR 25.859 (Release 5) to include the relevant information of the text proposal included in this LS into the TR.

List of Completed elements (for complex work items):

- 1) UTRAN Angle of arrival measurement
- 2) IPDL support for 1.28 Mcps TDD for OTDOA (IPDL on DwPTS)

List of open issues:

None.

Estimates of the level of completion (when possible):

The work is almost complete in prime responsible WG2, but that the revised TR was not discussed in WG2 due to lack of the time.

WI completion date review resulting from the discussion at the working group:

No discussion took place at the working group meeting due to lack of time. Involved working groups indicated completion from their perspective.

Therefore the target date March 2002 for completion can be expected to be met.

References to WG's internal documentation and/or TRs:

R2-012570 TR25.859 v1.1.0 'UE positioning enhancement for 1.28Mcps TDD'

R3- 013081: TR R3.003 ' UE positioning enhancement for 1.28Mcps TDD(Iub/Iur aspect) ' v0.3.1