

# 3GPP RAN#21 Meeting

RP-030388

## Frankfurt, Germany

Tuesday 16<sup>th</sup> through Friday 19<sup>nd</sup> of September 2003

**Title:** A-GPS Minimum Performance Specification WI Update  
**Document for:** Review and approval  
**Source:** WI Rapporteur – Donglin Shen – AT&T Wireless Services  
**Agenda Item** 8.3.3

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### Status Report for WI to 3GPP TSG RAN Plenary #21

**Work Item Name:** "A-GPS Minimum Performance Specification"

**SOURCE:** Rapporteur, Donglin Shen, AT&T Wireless Services

**TSG:** RAN WG4

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**Ref. to WI sheet:** [ftp://ftp.3gpp.org/tsg\\_ran/TSG\\_RAN/Work\\_Item\\_sheets/](ftp://ftp.3gpp.org/tsg_ran/TSG_RAN/Work_Item_sheets/)

#### **Progress Report since the last TSG:**

In TSG RAN #20 meeting, WI on A-GPS Minimum Performance Specification was agreed. Since then, we have had one TSG RAN WG4 meeting. The work regarding on this work item has been started.

In TSG RAN WG4 #28, several contributions were submitted to progress with the WI. Motorola, Nokia, Ericsson and Siemens' joint contribution (R4-030823 [[2]]), TIM's and Qualcomm's contributions (R4-030661 [[3]] and R4-030800 [[4]]) together made a good start on the WI. No decision has been made yet.

An E-mail discussion on reflector has been initiated to address some of the open issues identified during the RAN4 meeting. However, there have not been much activities going on. More e-mail discussion is expected after RAN #21. A physical A-GPS ad-hoc meeting may be considered if this is felt necessary to meet the WI timescales.

#### **List of Completed elements (for complex work items):**

- none

#### **List of open issues:**

- Alignment of performance requirements and test conditions
- UE test case and test procedure definition
- Location estimate accuracy
- Terminal conformance specification

#### **Estimates of the level of completion (when possible):**

- <10%

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

- RAN #23

#### **References to WG's internal documentation and/or TRs (within this package):**

- [1] R4-030458 Proposed Requirement for AGPS Minimum Performance Specification Development, AWS, Nokia, China Mobile, Siemens, Ericsson, Rogers Wireless, Cingular and Nortel
- [2] R4-030661 A proposal for the definition of A-GPS requirements, Telecom Italia Mobile
- [3] R4-030832 UE based A-GPS performance requirements for 3GPP, Motorola, Nokia, Siemens and Ericsson
- [4] R4-030800 A-GPS Minimum Performance Requirements and Testing Aspects, Qualcomm
- [5] R4-030737 GPS/AGPS Variables, 3
- [6] R4-030738 GPS/AGPS Classifications (discusses various classifications for GPS/AGPS), 3
- [7] R4-030782 Harmonization for A-GPS performances, Nortel