

**Technical Specification Group, Radio Access Network  
Meeting #5, Korea, 6 - 8 October 1999**

**TSGR#5(99)507**

TSG-RAN Working Group 2 meeting #7  
Malmö, Sweden  
20-24 September, 1999

**TSGR2#7(99)C72**

**Source:** RAN2  
**Title:** Liaison statement on selected location service methods for Release '99  
**To:** TSG RAN WG1, TSG RAN WG3, TSG RAN WG4, TSG SA WG2  
TSG SA WG1  
**Cc:** TSG RAN, TSG SA

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TSG RAN WG2 #7 thanks TSG RAN WG1 #7 for its liaison statement on location services [1].

During TSG RAN WG2 #7, the following location services related meetings were held:

- joint TSG RAN WG2 – TSG SA WG2 meeting on location services; and
- TSG RAN WG2 Ad Hoc meeting on location services.

### Location service methods selected for Release '99.

In accordance with its mandate as agreed in TSG RAN #2, TSG RAN WG2 has agreed on those location service methods that will be standardised for Release '99. In addition, RAN WG2 has agreed that TR 25.923 will be converted to a Technical Specification covering the UTRAN Stage 2 location methods. RAN WG2 has agreed on the following text which will be incorporated into section 4.4 of the new specification:

"this specification, for Release '99, specifies the following LCS positioning methods:

- Cell coverage based positioning method;
- OTDOA method with network configurable idle periods (the idle period configurability is to be specified in the specification); and
- network assisted GPS methods; (note: GPS based solutions are being standardised in T1P1; it is intended that the UTRAN navigational assisted solution will be synergistic with the work in T1P1)".

RAN WG2 is expecting SA WG1 to define the accuracy classes for LCS services in release 99. RAN WG2 is also seeking guidance from SA WG1 on whether support for the selected accuracy classes should be mandatory or optional for UEs in release 99.

Consequently, RAN WG2 requests that work proceeds, in accordance with the above, in other WGs. Specifically:

- RAN WG1 is requested to define the layer 1 measurements needed to accommodate the above for release 99;
- RAN WG3 is requested to define associated Iu, Iur and Iub requirements, for release 99 or 00 to be discussed in RAN plenary; and
- RAN WG4 is requested to consider associated measurement accuracy requirements for release 99.

RAN WG2 wishes to inform that liaison statements are invited for contributions to the new specification which will be further evolved in RAN WG2.

## References

- [1] TSGR1#7(99)e33; 'Answer to LCS liaison', TSG RAN WG1 #7.