

TSG-RAN Working Group 1 meeting #10
Beijing, China
January 18 – January 21, 2000

TSGR1#10(00)0048

Agenda item: AH 16

Source: Ericsson

Title: CR 25.215-031: Removal of note in Round trip time measurement

Document for: Decision

In TS 25.215 section 5.2.7 Round trip time the following note can be found:

“Note: The relation between this measurement and the TOA measurement defined by WG2 needs clarification.”

The measurement Round trip time is not yet included in TS 25.302 v3.2.0 but WG1 has requested from WG2 that the measurement shall be part of release-99 and no objections has been received from WG2 so far. Furthermore the measurement TOA has been decided by WG2 not to be part of release-99. Therefore the note in 25.215 section 5.2.7 is proposed to be removed.

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

25.215 CR 031

Current Version: **3.1.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **TSG-RAN #7** for approval
list expected approval meeting # here ↑ for information

strategic (for SMG use only)
 non-strategic

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc

Proposed change affects: (U)SIM ME UTRAN / Radio Core Network
(at least one should be marked with an X)

Source: Ericsson **Date:** 1999-12-27

Subject: Removal of note in Round trip time measurement

Work item:

Category:
(only one category shall be marked with an X)

F Correction	<input checked="" type="checkbox"/>	Release: Phase 2	<input type="checkbox"/>
A Corresponds to a correction in an earlier release	<input type="checkbox"/>	Release 96	<input type="checkbox"/>
B Addition of feature	<input type="checkbox"/>	Release 97	<input type="checkbox"/>
C Functional modification of feature	<input type="checkbox"/>	Release 98	<input type="checkbox"/>
D Editorial modification	<input type="checkbox"/>	Release 99	<input checked="" type="checkbox"/>
		Release 00	<input type="checkbox"/>

Reason for change: In TS 25.215 section 5.2.7 Round trip time the following note can be found:
 Note: The relation between this measurement and the TOA measurement defined by WG2 needs clarification. As the Round trip time measurement now is accepted within WG2 and included in 25.302 v3.x.0 the note can be removed.

Clauses affected: 5.2.7 Round trip time

Other specs affected:

Other 3G core specifications	<input type="checkbox"/>	→ List of CRs:	
Other GSM core specifications	<input type="checkbox"/>	→ List of CRs:	
MS test specifications	<input type="checkbox"/>	→ List of CRs:	
BSS test specifications	<input type="checkbox"/>	→ List of CRs:	
O&M specifications	<input type="checkbox"/>	→ List of CRs:	

Other comments:



help.doc

<----- double-click here for help and instructions on how to create a CR.

5.2.7 Round trip time

~~NOTE: The relation between this measurement and the TOA measurement defined by WG2 needs clarification.~~

Definition	Round trip time (RTT), is defined as $RTT = T_{RX} - T_{TX}$, where T_{TX} = The time of transmission of the beginning of a downlink DPCH frame to a UE. T_{RX} = The time of reception of the beginning (the first significant path) of the corresponding uplink DPCCH/DPDCH frame from the UE. Note: The definition of "first significant path" needs further elaboration. Measurement shall be possible on DPCH for each RL transmitted from an UTRAN access point and DPDCH/DPCCH for each RL received in the same UTRAN access point.
Range/mapping	The Round trip time is given with the resolution of 0.25 chip with the range [876, ..., 2923.75] chips.