Title: CRs (R'99 and linked Rel-4/Rel-5) to TS 25.305.

Source: TSG-RAN WG2

Agenda item: 7.3.3

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level	Workitem
25.305	099	1	R99	Correction to Location Reporting procedure	F	3.10.0	3.11.0	R2-032678	TEI
25.305	100	1	Rel-4	Correction to Location Reporting procedure	F	4.6.0	4.7.0	R2-032679	TEI4
25.305	101	2	Rel-5	Correction to Location Reporting procedure	Α	5.7.0	5.8.0	R2-032680	TEI4

Can biego, COA, 17 - 21 November, 2000										
CHANGE REQUEST										
*	25.305 CR 099									
For <u>HELP</u> on u	ing this form, see bottom of this page or look at the pop-up text over the % symbols.									
Proposed change a										
Title: #	Correction to Location Reporting procedure									
Source: #	RAN WG2									
Work item code: 第	TEI Date: Nov 2003									
Category:	Release: \$\mathbb{R}\$ R99 Use one of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Petailed explanations of the above categories can be found in 3GPP TR 21.900. Release: \$\mathbb{R}\$ R99 Use one of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)									
Reason for change	38 1) It states in section 7.3.1 that in the case a UE position estimate does not meet the requested accuracy, the SRNC may instead return no position estimate to the CN. This is incorrect behaviour and leads to a misalignmer with TS25.413.									
Summary of chang	Section 7.3.1 has been corrected so that in the case a less accurate position estimate is available, the SRNC shall always report this to the CN, and only in the case where no position estimate is available, will the SRNC report no position estimate. Isolated Impact Analysis This change has no impact on UTRANs that have implemented as to the interpretation of the stage 3 specification. This change only affects the UTRAN that has followed the Stage 2 description.									
Consequences if not approved:	If not approved, there could be wrong interpretations on the expected behaviour from the SRNC in the case of Location Reporting. This could lead to interoperability problems between CN and UTRAN.									
Clauses affected:	€ 7.3.1									
Other specs affected:	X Other core specifications X Test specifications O&M Specifications									
Other comments:	* None									

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

7.3.1 Procedures in the SRNC

When a positioning attempt fails due to failure of a position method itself (e.g. due to inaccurate or insufficient position measurements and related data) and the SRNC is unable to instigate another positioning attempt (e.g. due to a requirement on response time), the SRNC may shall return a Location response over the Iu interface containing a less accurate position estimate if available, even if this position estimate is not within the accuracy requested from the CN. If a less accurate estimate is not available, the SRNC shall instead return a Location response message containing no position estimate and indicating the cause of failure.

When a positioning attempt is interrupted by some other unrecoverable error event inside the SRNC, the SRNC shall immediately terminate the positioning attempt and return a Location Response message containing the reason for the positioning attempt cancellation. In that case, SRNC may also abort any dialogue previously opened with an LMU for the purpose of instigating position measurements for the UE being located.

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NOTE: Need to check that Iu has enough flexibility.

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CHANGE REQUEST										
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Proposed change affects: UICC apps# ME Radio Access Network X Core Network										
Title: #	Correction	on to Location Re	eporting proced	ure						
Source: #	RAN WG	62								
Work item code: 第	TEI4				Date: %	Nov 2003				
Category: 第	F (co. A (co B (ac) C (full D (ec) Detailed ex	the following cates rrection) rresponds to a condition of feature), nctional modification (torial modification) splanations of the a	rection in an earl on of feature)) above categories	,	2	Rel-5 the following rel (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)				
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Reason for change	e: % 1)	It states in secti meet the reque position estimate behaviour and I	sted accuracy, te, or return no	the SRNO position e	C may either estimate to the	return a less and return a les	accurate			
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Consequences if not approved:	from	ot approved, there the SRNC in the roperability probl	e case of Locat	ion Repor	rting. This co		ehaviour			
Clauses affected:	第 7.3.	1								
Other specs affected:	¥ X X X	Other core spe Test specificat O&M Specifica	ions	*						
Other comments:	₩ Non	e								

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In networks that include an SAS, the SRNC will receive a PCAP Position Calculation Response message on the Iupc interface and then return a Location response over the Iu interface containing the results that were provided over the Iupc interface (a less accurate position estimate, cause of failure indication, etc). This is described in Subclause 7.3.4.