

Source: Qualcomm Europe
Title: Proposed RAN Work Item for Open Interface
Document for: Information
Agenda Item:

Work Item Description

Title: **Open Interface between SMLC and SRNC within the UTRAN – Stand Alone SMLC**

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

335 Location Services
336 FS on Geographical Area Description
337 Event Based and Periodic LS
341 LCS Network Management
343 LCS support in the CS domain
344 LCS support in the PS domain
350 LCS interoperation Stage 2 Aspects
352 Position method enhancement in UTRAN

3 Justification

Location services functionality and open interfaces standardized in GSM Releases '98 and '99 is missing from the current 3GPP Release 2000 GERAN and UMTS.

Provision of the missing functionality and open interfaces is viewed as being important to carriers in providing an open flexible architecture, and ensuring smooth network evolution (architectural compatibility).

4 Objective

The objective of this work item is to provide support for the same open interfaces and protocols within the UTRAN that are currently provided in GSM Release 99. Specifically this work item is for the provision of an open interfaces between the SRNC and a stand alone SMLC. This interface would be analogous to the Lb interface defined in the GSM LCS specifications.

5 Service Aspects

None identified.

6 MMI-Aspects

None identified.

7 Charging Aspects

None identified.

8 Security Aspects

None identified.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes			X		
No	X	X		X	
Don't know					

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
3GPP TS XX.YYY	SRNC – SMLC Location Protocol	RAN 3	RAN 2			This interface would be analogous to the Lb interface. The starting points would be GSM 09.31 and GSM 08.71.
Affected existing specifications						
Spec No.	CR	Subject	Approved at plenary#		Comments	
25.305		UTRAN Stage 2			High Level details presented in Tdoc S2-001440.	
25.331		RRC Protocol			High Level details presented in Tdoc S2-001440.	

11 Work item rapporteurs

Kirk Burroughs, Qualcomm, San Jose, California, USA

12 Work item leadership

RAN 2

13 Supporting Companies

Qualcomm

14 Classification of the WI (if known)

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature

Provision of Open Interfaces for Location Services elements

14b The WI is a Building Block: parent Feature

xxx1 Provision of SRNC - SMLC Open Interface

14c The WI is a Work Task: parent Building Block

xxx1a Provision of an open interface between the SMLC and SRNC