
Title: Work Item Description for Release 5: Specification for the Le Interface

Source: Motorola, Ericsson, Siemens, Nokia

Purpose: SA: For Approval

This contribution proposes the Work Item: Specification for the Le Interface.

Work Item Description

Specification for the Le Interface

1 3GPP Work Area

	Radio Access
X	Core Network
X	Services

2 **Linked work items**

Location Service Enhancements

3 **Justification**

Location Services provides a set of capabilities in wireless networks for determining and delivering the geographic location of wireless terminals and devices. These capabilities are quickly being recognized as enablers of new revenue, personalization, safety and convenience services for consumers, network operators, and service providers worldwide.

In order for these services to be widely deployed and accepted by consumers worldwide, the need arises for defining an open interface between the GMLC and LCS clients for exchange of location information. The Le interface has been identified for this purpose but has yet not been specified.

4 **Objective**

The objective of this WI is to define a simple and secure access method that allows user appliances and Internet applications to access location information from wireless networks irrespective of their underlying air interface technologies and positioning methods.

This WI should result in an API specification for the Le interface (interface between the GMLC and LCS client).

5 **Service Aspects**

The method identifies the interface between the GMLC and the LCS client.

6 **MMI-Aspects**

None

7 **Charging Aspects**

None

8 Security Aspects

Method should ensure access of location information from the network is secure.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No	X	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
23.xxx	Specification for Le Interface	TSG- SA2	TSG- CN5	TSG SA#12	TSG SA#13	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
22.071						LCS Stage 1 – Addition of Le interface description

11 Work item rapporteurs

Motorola

12 Work item leadership

TSG-SA2

13 Supporting Companies

Motorola, Ericsson, Nokia, Siemens

14 Classification of the WI (for TSG-SA1)

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

Specification of Le interface

14b The WI is a Building Block: parent Feature

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

15 Classification of the WI (for TSG-SA2)

	Feature (go to 15a)
X	Building Block (go to 15b)
	Work Task (go to 15c)

15a The WI is a Feature: List of building blocks under this feature

15b The WI is a Building Block: parent Feature

Specification of Le interface

15c The WI is a Work Task: parent Building Block