

**Source:** MCC  
**Title:** New WI as umbrella for Rel-7 LCS WIs  
**Document for:** Approval  
**Agenda Item:** 7.1.3

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Under the Rel-6 WI feature *Location Services enhancements 2* there is a Building Block that will not make Rel-7; i.e. LCS for 3GPP Interworking WLAN.

Now this BB has appeared under the feature *Location Services enhancements 2* but for Rel-7. However, the rest of this feature is Rel-6.

Now it is unlikely that *Location Services enhancements 2* will be allowed to remain in Rel-6 with Rel-7 BBs in it, and it is unlikely that people will want the whole of the Feature to be moved to Rel-7 when so much has been completed for Rel-6.

Therefore, it is being proposed that a Rel-7 WI feature *Location Services enhancements Rel-7* be elaborated and this Rel-7 BB be moved into it. To this end, attached is a proposed Work Item Description.

It should be noted that this WI is purely for management purposes. Nonetheless, it does not contain the requisite supporting companies. It is left to SA to identify if this is appropriate.

(Note: The BBs *Toward A-GNSS concept* are dealt with in document SP-040681)

## Work Item Description

Title: Location Services enhancements Rel-7 (LCS-R7)

This Work Item covers the enhancements of location services in 3GPP from the system and core network viewpoints.

### 1                    3GPP Work Area

X	Radio Access
X	Core Network
X	Services

### 2                    **Linked work items**

*LCS for 3GPP Interworking WLAN (SP-040309)*

### 3                    **Justification**

It is anticipated that there will be several independent enhancements in the field of LCS in Rel-7. This feature is created to group these enhancements together.

### 4                    **Objective**

The purpose of this work is to handle the following issues:

#### 4.1                **LCS for 3GPP Interworking WLAN**

The 3GPP has developed and continues to develop Location Services (LCS) requirements and standards for GSM and UMTS. To further the advancement of LCS within the 3GPP, LCS requirements and standards may be extended for 3GPP WLAN interworking to support the same location-based services that have been deployed today for GSM and UMTS. LCS with 3GPP WLAN Interworking system is considered to enlarge the area of location service.

This work item proposes that a feasibility study be performed to outline the technical requirements, scope of work required, and perform a gap analysis to determine whether existing 3GPP specifications can support LCS requirements for 3GPP WLAN interworking. If it is determined that providing for this service is feasible, then this work item will continue forward to encompass future work.

### 5                    **Service Aspects**

Refer to SA1 WIs.

### 6                    **MMI-Aspects**

**7 Charging Aspects**

**8 Security Aspects**

**9 Impacts**

<b>Affects:</b>	<b>USIM</b>	<b>ME</b>	<b>AN</b>	<b>CN</b>	<b>Others</b>
<b>Yes</b>		X		X	
<b>No</b>					
<b>Don't know</b>	X		X		

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

<b>New specifications</b>						
Specification No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
<b>Affected existing specifications</b>						
Specification No.	CR	Subject	Approved at plenary#		Comments	
		LCS for 3GPP Interworking WLAN (SP-040309)	SA #27		Refer to GP-040309	

**11 Work item raporteurs**

Michael Clayton (MCC)

**12 Work item leadership**

TSG SA WG 1.

**13 Supporting Companies**

Qualcomm, SiRF, Lucent, Telcordia

**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

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14b The WI is a Building Block: parent Feature

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