

12-14 September, 2000.

Washington, D.C.

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**Source:** Nokia S3

**Title:** Updated WI description for LCS security

**Document for:** Approval

**Agenda Item:** tbd

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## Work Item Description

### LCS security

#### 1. 3GPP Work Area

X	Radio Access
X	Core Network
X	Services

#### 2. Linked Work Items

LCS work items

#### 3. Justification

This is a building block for a more general work item of Location Services. The need of a work item for security aspects was identified already when defining the general WI.

- 1.
- 2.
- 3.

#### 4. Objective

Security-related problems identified by other groups are studied and necessary mechanisms are provided. The concepts developed for LCS are reviewed from security point of view.

#### 5. Service Aspects

There may be security issues related to service aspects.

#### 6. MMI Aspects

There may be security issues related to MMI, e.g. user privacy issues.

#### 7. Charging Aspects

There may be security issues related to charging, e.g. new fraud types.

## 8. Security Aspects

The work item is a security item.

## 9. Impacts

Affects:	USIM	ME	AN	CN	Others(S2, S5)
Yes		X	X	X	X
No					
Don't know	X				

## 10. Expected Output and Time Scale(to be updated at each plenary)

Meeting	Date	Activity
S3#15	September 2000	Approval of the WI
S3#16	November, 2000	LCS R4/R5 security issues identified.
	March 2001	Security for GERAN LCS approved
	December 2001	Security for LCS R5 security approved

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
TS 23.271		Functional stage 2 description of location services in UMTS and GSM				
TS 43.059		Functional Stage 2 Description of Location Services in GERAN, (Release 2000)				

## 11. Work Item Raporteurs

Nokia - Valtteri Niemi

## 12. Work Item Leadership

TSG SA WG3

## 13. Supporting Companies

It is expected that the companies supporting the general work item also support the security work.

**14. Classification of the WI (if known)**

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

14b. The WI is a Building Block: parent Feature

Location Services (UMTS)