3GPP TSG SA WG3LI	Tdoc S3LI01_145
30 October – 01 November, 2001	(revised at S3#22)
Aspen, Colorado, USA	

Revised Work Item Description (revision of SP-000309)

Title

Lawful Interception in the 3GPP R'2000 Rel-5 architecture

1   3GPP Work Area

	Radio Access
X	Core Network
	Services

2   Linked work items

3GPP release 2000Rel-5   architecture and services

3   Justification

The Release 99 lawful interception specifications reflect the basic Release 99 architecture with separated circuit and packet data services. The 3GPP release 2000 Rel-5 architecture introduces several functions and services which need to be addressed by lawful interception. These include release 2000 Rel-5 service models, for example SIP and H.323 enabled features, which need to be addressed as part of packet interception. In addition, the latest CAMEL and Location services also need to be addressed for a release 2000 Rel-5 lawful interception system. Interception implications of the interworking between the 3G MSC and the 3G GSN will also be addressed. Finally, any end to end encryption offered in release 2000 Rel-5 requires consideration in the lawful interception standards.

4   Objective

~~The objective of this work item is to create a lawful interception specification for the latest release 2000 architecture and services as described in the above justification.~~

The objective of this work item is to address the handover interfaces for lawful interception of Packet-Data Services, Circuit Switched Services, and Multimedia Services within the UMTS network. The handover interface in this context includes the delivery of intercept Related Information (H12) and Content of Communication (H13) to the Law Enforcement Monitoring Facility.

5   Service Aspects

None

6   MMI-Aspects

None

7   Charging Aspects

None

8 Security Aspects

Enhanced Lawful Interception specifications

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)

Meeting	Date	Activity
S3/CN joint meeting	June/July, 2000	Presentation by S2 to S3 of well-defined and understandable system architecture concepts and principles.
S3#14	August 2000	Requirements capture
S3#15	September 2000	Feature specification
S3#16	November 2001	Definition of architecture: Complete CRs
SA#10	December, 2000	Definition of architecture: CRs approved at TSG level

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
33.106 v 4.x.x	Lawful Interception Requirements	SA3 WG LI	None	S3 November	S3 Dec	Update to existing document.
33.107 v 4.x.x	Lawful Interception Architecture and Functions	SA3 WG LI	None	S3 November	S3 Dec	Update to existing document
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
TS 33.106	1	Lawful Interception Requirements		SA6, December 99		
TS 33.107	Initial Rel	Lawful Interception Architecture and Functions		SA6, December 99		

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
33.108	Handover Interface for Lawful Interception	TSG SA WG3 LI	None	S3#21Nov. 2001 SA#15: March 2002	S3#22 Feb 2002 SA#16 June 2002	Work plan for Release 5
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
33.106 v 5.0.0		Lawful Interception Requirements		TSG SA#11		
33.107 v 5.0.0		Lawful Interception Architecture and Functions		TSG SA#11		

11 Work item raporteurs

Berthold Wilhelm, Ron Ryan

12 Work item leadership

3GPP SA3

13 Supporting Companies

Siemens
Nokia
Motorola
Nortel Networks
Ericsson
Mannesmann Mobilfunk
T-Mobil
VIAG Interkom

14 Classification of the WI (if known)

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

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

(list of Work Items identified as building blocks)

14b   The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

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

(one Work Item identified as a building block)