3GPP TSG SA WG3 Security — S3#22 **S3-020076**

25 - 28 February 2002

Bristol, UK

3GPP TSG SA WG3 Security — S3#20 **S3-010611**

27 - 30 November, 2001

Sophia Antipolis, France

3GPP TSG SA WG3LI **Tdoc S3LI01_145~~r1~~r2**

30 October – 01 November, 2001

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 2000~~ Rel-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 Pack-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)