

Work Item Description

Title

Lawful Interception in the 3GPP R'2000 architecture

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

3GPP release 2000 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 architecture introduces several functions and services which need to be addressed by lawful interception. These include release 2000 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 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 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.

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	None

No	x	x	x		
Don't know					

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

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

New specifications						
Spec No.	Title	Prime resp. WG	2ndary resp. 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			

11 Work item rapporteurs

Berthold Wilhelm

12 Work item leadership

3GPP S3

13 Supporting Companies

Mannessman Mobilfunk
 Motorola
 Siemens
 T-Mobil

14 Classification of the WI (if known)

	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

(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)