Tdoc S3 LI 01_078

Report of the 3GPP TSG SA WG3-LI (S3-LI) meeting #3/01 on lawful interception

Munich 5-7 June 2001

> Please direct all comments to
> Rupert Thorogood at Rupert.thorogood@homeoffice.gsi.gov.uk by xx June 2001

Chairman:	Rolf Schnitzler	Mannesman
Support/Secretary:	Maurice Pope	ETSI
Meeting Secretary:	Rupert Thorogood	UK Home Office
List of participants:	see annex A	
List of documents:	see Tdoc SA3LI01_075	

1   Opening of Meeting

The meeting was welcomed by Rolf Schnitzler, as acting Chairman, and Burkhard Kubbutat on behalf of Viag Telekom. The domestic arrangements were given. The meeting agreed that Rolf Schnitzler should act as Chairman.

SMG10-WPD specifications: rapporteur

GSM 01.33: Lawful Interception requirements for GSM version 7.0.0   David Miles (Cellnet)
GSM 02.33: Lawful Interception - stage 1 version 7.2.0   (Motorola)
GSM 03.33: Lawful Interception - stage 2 version 7.1.0   Bernhard Spalt (Siemens)

3G LI specifications:

3G TS 33.106 Lawful Interception Requirements version 3.1.0   Berthold Wilhelm (Reg TP)
3G TS 33.107 Lawful Interception Architecture and Functions version 3.0.0   Berthold Wilhelm (Reg TP)

In view of the resignation of Bernie McKibben from the group Jheroen Dorenbush will advise who will be the rapporteur for GSM 02.33 Lawful Interception – stage 1 version 7.20.

2   Meeting Objectives

The main issues for this meeting were:

1. complete open areas of TS 33.107 R5

2. respond to T1P1 on the need for a 3GPP handover specification

3. discuss related work in TC Sec LI, T1P1 and TIPHON and plan accordingly

4. Other CRs as received

3   Approval of Agenda

The proposed agenda with working schedule in **Tdoc S3LI01 056** was proposed by the chairman and accepted by the meeting.

4.   Registration and assignment of input documents

See **Tdoc S3LI01_075** for the list of meeting documents.

5.   Approval of Report of previous meeting

The final report from the latest S3-LI meeting in Clearwater during March 2001 is available in **Tdoc S3LI01 053.** This was approved without amendment.

6.   S3LI/TC Sec LI/TIPHON LI joint workshop report

This was tabled for the record as **Tdoc S3LI01_052** and will be published on the 3GPP site.

7   Report

- **SA3**

Berotld Wilhelm reported that –

SA3 had completed the MAP and IP Security documents

The Chairman, Mike Walker, has thanked Bernie McKibben for his excellent work as chairman of the LI group.

- **TC Sec LI**

The Vice Chair and Secretary of TC Sec LI, Bernd Adams, reported that three major milestones had been met –

- TS 201 671 had been approved

- The Architecture document had been approved to be published at a TR

- The revised Requirements document was recommended for approval at the nest meeting in Helsinki.

- There was not, as yet, any indication of the future of TC Sec

- **TIPHON LI**

Bernard Spalt reported that some work on LI was being done by a UK Home Office Consultant (John Horrocks). Bernd Adams added that the LI work had moved away from the Security WG into the Architecture WG. There was a general feeling that the TIPHON work was not coordinated.

- **T1P1**

Ron Ryan, the chair of the T1P1 LI group reported that there had been an extensive review of the 3GPP LI work especially for release 99. This resulted in a liaison statement to 3GPP saying that an HI3 interface was needed and also a review of the understanding of ETSI and other specifications.

8   TS 33.107 R5 Open areas and related contributions

8.1   forwarded multimedia sessions from Motorola Tdoc SA3LI01_057

The Tdoc was presented by Jheroen Dorenbosch on call forwarding in packet data and multimedia with reference to circuit switched requirements. Some discussion took place. Input required on specific situations. **Action Jheroen to provide further study on tdoc057 by** Thursday. This was produced as tdoc68. There was some discussion on xxxx and . This discussed the extraction of the header from the payload. The new document was accepted. The amendments to annex C were presented but there was a question regarding the status (ie normative or informative). It was agreed to retain it as informative until the definition of MM was better defined. The document was agreed and will be incorporated in the R5 spec.

8.2   additional packet data events from Motorola   Tdoc SA3LI01_058

presented by Jheroen Dorenbosch wants clarification of iri events in packet data. After a long discussion and an update of the tdoc it was agreed to update the existing event description in the 33.107.

8.3   location CR to R99 from Ericsson Tdoc S3LI01_059

Pierre presented the tdoc which suggest that replace the CGI with SAI. This was agreed and Pierre will incorporate that. The CR will be presented to SA3.

8.4   SMS extension from Lucent S3LI01_055

CR for 33.107 presented by Lucent. Reason is that 33.107 identifies opening and ending as single event. Target creates message even if not received. After a long discussion it was decided both options are allowed. CRs will be presented to SA3

9.   3GPP handover interface

9.1   T1P1 Liaison on 3GPP handover interface

Ron Ryan presented Tdoc S3LI01_060 which concerned UMTS release 5. He proposes that 3GPPLI develop states 1, 2 and 3 to meet release 99 requirements. He has to report back to T1P1. After a long discussion it was decided that this work shall be done in 3GPP SA3 LI. A work item description will be drafted by the chair. T1P1 and TC Sec LI should be advised accordingly.

Conclusion: 1. ETSI TC Sec LI will be informed by a liaison statement and asked for co-operation. (Tdoc S3LI01_065)
2. 3GPP SA3 LI will reply toT1P1 in the sense of these decision (Tdoc S3LI01_70)
3. Chairman to draft Work Item to specify the Handover Interface

9.2   GPP Handover interface work plan

The agreed work plan includes the development for Release 99 and Release 4 and 5 UMTS HI interfaces according to the following schedule:

Release 99:

Draft Specification	by July, 2001
Mature Specification	by August, 2001
Specification for approval	by October, 2001

Release 4 and 5:

Specifications for approval   year 2001/2002

9.3   3GPP Handover interface work

Ron Ryan presented Tdoc SA3LI01_60, which is an extract of the existing handover interface specifications like ETSI TS 201671. Tdoc 60 will be the basic of the 3GPP handover interface specification, which will become 3GPP 33.108.

Ron is looking for comments, will them work in and present it to T1P1. These draft will be the basic for the next review in Saarbrücken. (Tdoc SA3LI01_076)

13 Election/selection of an S3LI chair

Bernie McKibben had resigned as chairman since the last meeting. Rolf Schnitzler has company support for one year and there were no other nominations or offers. There was unanimous approval of Rolf's nomination for SA3 for ratification.

14 Updated draft of 33.107 for R5

The 3GPP 33.107 were complete reviewed, updated and will be published after the meeting as Tdoc SA3L01_077. It will be sent to SA 3 for information.

16 work plan for 2nd half of 2001 and closure of Meeting

Future meeting dates and venues:

21-23 August in Saabrucken hosted by RegTP
30 October-2 November in Aspen Colorado hosted by Ericcson. There will be joint meeting with TG1P1 LI Gp on 31 October. The objective is to conduct a final review of 33.2107r5.

The Chairman thanked Viag Interkom for their excellent hospitality and the delegates for their work.

17 Other business

There was no other business

18 Output of the meeting

S3LI01_059 CR Location for release 99   for approval
S3LI01_066 CR Extension to MO_SMS and MT _SMS events for release 99   for approval
S3LI01_067 CR Extension to MO_SMS and MT _SMS events for release 4   for approval
S3LI01_072_CR Secondary PDP Context activation for Release 99   for approval
S3LI01_073_CR Secondary PDP Context activation for Release 4   for approval
     (072 and 073 are minor updated version prepapered by Motorola and sent out
     on June 15th)
S3LI01_077 Newest draft of 3GPP 33.107 for release 5   for discussion

S3LI01_065 Liaison Statement to ETSI TC SEC WG LI on 3GPP Handover Interface
     (with lay out changes maid by the chair)
S3LI01_070 Liaison Statement to T1P1 on 3GPP Handover Interface