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Meeting Secretary:

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List of participants:

see annex A

List of action points:

see annex B

List of documents:

see annex C

List of Change Requests

see annex D

List of Liaison Statements

see annex E

Meeting Dates and Venues

see annex F

3G LI specifications:

3G TS 33.106 LI Requirements version 5.1.0:	Berthold Wilhelm (Reg TP)
3G TS 33.107 LI Architecture and Functions version 5.6.0:	Berthold Wilhelm (Reg TP)
3G TS 33.108 Handover Interface for LI version 5.8.0:	Ron Ryan (Nortel Networks)
3G TS 33.106 LI Requirements version 6.1.0:	Berthold Wilhelm (Reg TP)
3G TS 33.107 LI Architecture and Functions version 6.2.0:	Berthold Wilhelm (Reg TP)
3G TS 33.108 Handover Interface for LI version 6.6.0:	Ron Ryan (Nortel Networks)

## 1.1 Welcome and logistics

The meeting was opened by the Chair Brye Bonner of Motorola who welcomed the delegates to Povoia de Varzim. Istvan Dosa, of Nokia, welcomed the delegates on behalf of the European Friends of 3G. This was followed by the introduction of delegates.

## 1.2 Apologies

Apologies were received from: Martin Kassen; Jean Francois Zell; Marcus Lutz; Burkhard Kubbutat.

## 1.3 Approval of the agenda

**tdoc S3LI04\_101r1.**

After noting three extra documents this was approved without amendment. It was suggested that documents be sent to all members of the group in addition to them being sent to the server in case Maurice Pope is absent. Alternatively Manfred Beierer can load documents to the server. Documents 113 and 123 are held until accepted by delegates.

## 1.4 Code of Conduct:

When attending a 3GPP SA3 LI meeting it is expected that each delegate will give the utmost respect to other delegate's personal and company possessions. A delegate must not attempt to invade other delegate's computers or read their papers without explicit permission.

Anyone found violating this trust will be asked to remove himself or herself from the meeting. The offending person will not be welcomed at future meetings and SA3 LI will request the company send another delegate.

For your information, a method of protecting your computer from piracy may be found at: **<http://www.Brookson.com/gsm/howto.htm>**

## 1.5 Intellectual Property Rights (IPR) Policy:

The attention of the members of this Technical Specification Subgroup is drawn to the fact that 3GPP Individual Members shall be bound by the IPR Policy of their respective Organizational Partner and to inform their respective Organizational Partners of Essential IPRs. Individual Members should declare at the earliest opportunity, any IPRs which they believe to be essential, or potentially essential, to any work ongoing within 3GPP.

The member are hereby invited to notify the Director-General, or the chairman of their respective Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing Declaration forms (e.g., see the ETSI IPR forms **<http://webapp.etsi.org/Ipr/>**). The PCG shall maintain a register of IPR declarations relevant to 3GPP, received by the Organizational Partners.

There were no submissions.

## 1.6 Approve meeting report

**tdoc S3LI04\_102r1**

The current document includes the editorial changes. The report was accepted.

1.7 Review Action Points **tdoc S3LI04\_102r1**  
Most of these referred to CRs which are on the agenda.

AP04-12 refers to CC only intercepts. Selvam Rengasami of FBI/CIU said that there are occasional cases of CC only intercepts and Greg Milonovich of FBI/CIU added that this might be the case in an emergency and is not a preferred method. The CC only intercepts will not be standardized by the 3GPP SA3-LI group.

AP04-11 was completed by **tdoc S3LI04\_139**. It was suggested that the question of removing superfluous spaces in ASN.1 are passed to the Rapporteur.

**Action Point 04-16.** Ron Ryan to remove superfluous spaces in ASN.1 in 33.108.

1.8 Review outcome of LI and CRs to SA3 and ETSI TC LI

1.8.1 Liaisons

1.8.1.1 S3LI04\_069r2 LS T1P1; response received

1.8.1.2 S3LI04\_087r1 LS ITU-T; no response received

1.8.1.3 S3LI04\_091r1 LS TR45 LAES; response received

1.8.1.4 S3LI04\_093r1 LS to T1S1 LAES; response received

1.8.2 Change Requests - all approved at SA3 and SA

1.8.2.1 S3LI04\_056r1 CR33106\_IRI\_CC\_clarification.

1.8.2.2 S3LI04\_057r1 CR33107rel6\_Detach\_flow.

1.8.2.3 S3LI04\_058r1 CR33107rel6\_TEL\_URL.

1.8.2.4 S3LI04\_059r1 CR33107rel6\_Initiator.

1.8.2.5 S3LI04\_061r1 CR33108rel6\_TEL\_URL

1.8.2.6 S3LI04\_062r1 CR33108rel5\_WgsCoord

1.8.2.7 S3LI04\_063r1 CR33108rel6\_WgsCoord

1.8.2.8 S3LI04\_067r2 CR33107rel6 Correction to HLR Event Name

1.8.2.9 S3LI04\_074r1 CR33.108rel6\_Clarification for PoC

1.8.2.10 S3LI04\_075r1 CR33.108rel6\_Encryption

1.8.2.11 8.2.11 S3LI04\_077r2 CR33.108rel6\_Alignment

1.8.2.12 S3LI04\_078r1 CR33.107rel6\_References

1.8.2.13 S3LI04\_082R2 CR33108rel6\_Clarifying\_text

1.8.2.14 S3LI04\_090r8 CR 33.107rel6\_functional architecture

2 Reports

2.1 SA WG3 report (10-14 May) **tdoc S3LI04\_126**

This was outlined by Berthold Wilhelm of BMWi. It was noted that the freeze for release 6 for the end of September has not changed.

CRs to be approved by e-mail after LI meeting.

## 2.2 SA report **tdoc S3LI04\_127**

This was outlined by Berthold Wilhelm of BMWi. He said that 33.246 is still open. Alec Leadbeater of BT said that there is a work item in SA3 for an interim solution for the provision of IMS services. There is no impact on LI.

## 2.3 ETSI TC LI report **(05litd074)**.

There has been no meeting since the last report. The chair noted that there is an outstanding point concerning which ASN.1 tree is to be adopted.

## 2.4 TR-45 LAES **tdoc S3LI04\_136**

The Chair reported there had been a ballot resolution meeting in June for J-STD-025-B. While there were changes to the document there were no technical changes. The document is now out to default ballot until mid August. Bernhard Spalt asked about the J-STD-025-C approach to IMS and the Chair responded that it is expected to be balloted in November.

## 2.5 T1P1.5 report **tdoc S3LI04\_137.**

This was presented by the Chair who said that T1P1.5 participated in the 025B ballot resolution in conjunction with TIA TR45 LAES. The Additional Capabilities document has been accepted as a joint standard with ATIS (T1P1, T1S1) and TIA (TR45 LAES) There was a conference call with T1P1 during which the decision to develop J-STD-025-C with TIA TR45.2 was discussed and no consensus was reached. Selvam Rengasami remarked that there was no consensus as to whether this will be a joint standard with ATIS and TIA.

## 2.6 TISPAN. There was no contribution.

# 3 Liaisons

## 3.1 T1P1 **tdoc S3LI04\_133**

This was presented by the Chair who read the document because of the points raised. Some of the responses are ongoing. Giorgi Gulbani of Nokia will ascertain the response to issue of Timing requirements. Alex Leadbeater of BT pointed out that there was confusion in the response regarding synchronization. This will be addressed further. Selvam Rengasami of the FBI/CIU pointed out that there is an ANSI document on this subject. He said that the FCC provided some guidance on timing requirements but not for the PS domain. Cheryl Blum affirmed that the requirement was for CS.

Other matters were 33.108 r6, ASN.1, removal of annexes G and H in 33.108. However the suggestion for an addendum to T1.724 covering the above was not agreed.

There was a further question of whether a national (SDO) annex can be put in the 3G documents. It was considered that this would cover Regulatory Standards. The ETSI Technical Officer said that this would be subject to the approval of the 3GPP group at SA level. All 3GPP SDO partners are encouraged to add their national requirements once 3GPP approves the release.

Giorgi Gulbani was asked to respond to the points in **tdoc S3LI04\_133**. as **tdoc S3LI04\_138**. This was later reviewed but after an extended discussion one of the sentences dealing with timestamp accuracy was deleted. The rest of the document was accepted with the exception that the CIU do not agree with the issue of the 200 mS accuracy stated in the second part. The document will be reissued as **tdoc S3LI04\_138r1** and further reviewed.

## 3.2 TR45 LAES **tdoc S3LI04\_134**

This was presented by the Chair and is the response to the proposal for a joint session. On the question of accessing the TIA website it was stated that others may not but the Chair said that any documents for the joint session in San Antonio would be placed on the 3GPP LI website. The document was approved and the Chair will respond.

4 TS 33.106 Rel. 5 and Rel. 6 33.106 v.5.1.0/33.106 v.6.1.0

There are no contributions to 33.106 release 5 or release 6.

5 TS 33.107 Rel. 5 and Rel. 6

5.1 Updates to Release 5 33.107 v.5.6.0

There were no contributions.

5.2 Contributions towards Release 6 33.107v.6.2.0.

5.2.1 Working Draft-Interception Events for WLAN Interworking **tdoc S3LI04\_108**

This was introduced by Selvam Rengasami of FBI/CIU/TrideaWorks who said this was a follow-on from the April meeting. This is a CR which proposed specific text changes to the new clause 9.1. Alex Leadbeater of BT posed a question over the proposal to use the PDG. After some discussion it was decided to submit to SA for information parts of the CR for release 6 and hold the other parts for further consideration. The document for the CR (**tdoc S3LI04\_108 as amended**) will be issued as **tdoc S3LI04\_140** and the matters for further study will be **tdoc S3LI04\_141**. The inclusion of references to NAI will be incorporated in **tdoc S3LI04\_141**. The question of the WLAN events in table 2 will be referred to the Joint 3GPP/ETSI TC LI Meeting. The document was noted as modified except for the open issue.

**tdoc S3LI04\_141** was later presented as a discussion document entitled interception for WLAN Interworking and presented by Selvam Rengasami of FBI/CIU/TrideaWorks. This will be for further development for the October 2004 meeting. This was later issued as **tdoc S3LI04\_141r1** and briefly reviewed. This will be tabled at the next meeting.

5.2.2 MBMS Interception **tdoc S3LI04\_116**

This was introduced by Bernhard Spalt of Siemens who said that it continued a work item from SA3 because the definition for LI in MBMS is missing. The paper also discusses where the intercept can be stored. Adrian Escott commented that there might be some amendments and offered to provide the current version of the Security of MBMS Document TS 33.246 to the LI list when it is available. It may be necessary to distinguish between broadcast and multicast. The paper was noted.

5.2.3 Clarification on MMS Interception **tdoc S3LI04\_120**

This was introduced by Alex Leadbeater of BT Group who said that the purpose was to clarify the MMS interception. He said there is a lack of understanding in the LEA community as to how MMS is intercepted. This CR clarified the matter in section 7. Following considerable discussion minor editorial changes were made to the text and accepted and will be reissued as **tdoc S3LI04\_120r1**. It was recommended that such documents would be clearer if an architectural diagram accompanied the text.

5.2.4 HI2 Termination of Intercept Notification **tdoc S3LI04\_121r1**

This was presented by Alex Leadbeater on behalf of BT Group and O2UK who said that there was a need to provide an indication that an intercept session has been terminated. This is a discussion paper explaining the proposed CR in **tdoc S3LI04\_122**. Following considerable discussion the proposal was not accepted. However the question regarding routing area update during SGSN handover does require further study. Alex Leadbeater will start an e-mail discussion on this point.

**Action Point AP04\_15:** Alex Leadbeater to initiate an e-mail discussion regarding routing area update during SGSN handover.

#### 5.2.5 End of Interception with User PDP Context Active HI2 Notification **tdoc S3LI04\_122**.

This was withdrawn.

#### 5.2.6 Clarification to SMS Interception **tdoc S3LI04\_128**

This was presented by Giorgi Gulbani of Nokia who said that in certain countries where IRI interception is invoked the content of SMS would not be available. This should be clarified in the specification and an amendment to section 7.1 was proposed. After minor editorial changes this was accepted and will be reissued as **tdoc S3LI04\_128r1**. This was later reviewed and approved.

#### 5.2.7 Replace SIP URL with SIP URI **tdoc S3LI04\_130**

This was presented by Jerry Shih of Cingular who said the intention is to align with RFC 3261 and TS 24.229. There are additions to the references and abbreviations and changes in the text. After an editorial amendment this was reissued as **tdoc S3LI04\_130r2**.

#### 5.2.8 Correction on the use of session initiator parameter **tdoc S3LI04\_113**

This was presented by Selvam Rengasami of FBI/CIU/TrideaWorks who said the intention was to achieve consistency with 33.108. This was accepted.

#### 5.2.9 Shortfalls of IMS Interception **tdoc S3LI04\_123**

This was presented by Selvam Rengasami of FBI/CIU/TrideaWorks who explained how the IMS interception solution in 33.107 and 33.108 may have reporting equivalent to CS. Bernhard Spalt pointed out that the indications are in the SIP messages. It was also explained that the application server may be outside the 3G domain and therefore out of scope. After some discussion it was decided that an e-mail debate be initiated by Selvam Rengasami.

**Action Point AP04\_17:** Selvam Rengasami to start an e-mail discussion on the IMS interception solution.

#### 5.2.10 ICE, INE definition **tdoc S3LI04\_117**

This was introduced by Bernhard Spalt of Siemens resulting from changes at the previous meeting. This was accepted after a minor editorial change and will be reissued as **tdoc S3LI04\_117r2**. This was later reviewed and accepted.

## 6 TS 33.108 Rel. 5 and Rel. 6

### 6.1 Updates to Release 5

33108-v.5.8.0

6.2 Contributions towards Release 6 33.108-v.6.6.0

6.2.1 Change Request – Explanations concerning the Sequence Number

**tdoc S3LI04\_103**

This was presented by Manfred Beierer of BMWi who explained the sequence number in the ULIC header in some scenarios (e.g. RAU) is not continuous and not unique. He proposed some changes in section C.1.2 and 3. This was accepted after amending the category to F. This will be reissued as **tdoc S3LI04\_103r1**. This was later reviewed and reissued as **tdoc S3LI04\_103r2**

6.2.2 National ASN.1 parameter

**tdoc S3LI04\_106r1**

This was presented by Manfred Beierer of BMWi who explained that ETSI TC LI has introduced an ASN.1 type for national parameters which allows a one step encoding and decoding. He proposed amendments to section B3. This was accepted after changing the base text to v6.6.0 and will be reissued as **tdoc S3LI04\_106r2**. This was later reviewed and accepted.

6.2.3 Corrections to References

**tdoc S3LI04\_107**

Although this was tabled by the [T1P1.5 Rapporteur, Ron Ryan](#), it was introduced by Istvan Dosa of Nokia. The CR proposes to replace the GSM references with 3GPP references and corrects some IETF references. Maurizio Iovieno of Ericsson noted that as a result of an AP from the Rome meeting that reference 31 is now V1.3.2. There were queries on why version numbers and dates were necessary. See **tdoc S3LI04\_111** in 6.2.6 below. The proposals to remove and replace the GSM references were agreed. The Proposals for 5, 6.2.3, 6.5, 6.5.1, 7.2.1, B.3, C.1.2, and Annex E were agreed however A.1.2.1 was left open. Reference 22 and 34 were moved to the Bibliography. This will be formed into a new CR **tdoc S3LI04\_143**. There was new material in this document which was subject to detailed scrutiny and will be subject to further revision and will be submitted to e-mail discussion.

**Action Point 04-18:** Manfred Beierer to investigate how the ITU ASN.1 Recommendations should be described regarding issue date.

**Action Point 04-19:** Manfred Beierer to check the references in notes 4 and 5 in **tdoc S3LI04\_143**

6.2.4 Clarifying clause titles

**tdoc S3LI04\_109r1**

This was presented by Giorgi Gulbani of Nokia to avoid ambiguity specifically in clauses B3, B4, B5 and B6. This was accepted after some modification and will be reissued as **tdoc S3LI04\_109r2**. This was later reviewed and accepted.

6.2.5 Change Request –Adding Azimuth in location

**tdoc S3LI04\_110**

This was presented by Koen Jaspers of PIDS and aligns 33.108 with ETSI TS 101 671. This was accepted after changing the category to B and correcting the ASN.1 version. This will



be reissued as **tdoc S3LI04\_110r1**. This was later reviewed and accepted as reissued as **tdoc S3LI04\_110r2**.

6.2.6 Discussion Paper on specific vs. non-specific references **tdoc S3LI04\_111**

This was presented by Istvan Dosa of Nokia and refers back to **tdoc S3LI04\_107** in 6.2.3 above.

After an extended debate it was agreed to discuss the matter further before proceeding with a CR.

6.2.7 Adding an encryption parameter to IRI across HI2 port **tdoc S3LI04\_112r1**

This was presented by Giorgi Gulbani of Nokia who proposed to add a new parameter to the IRI-Parameters. Following some observations the concept was not accepted and the contribution was withdrawn.

6.2.8 HI2 SIP Content clarification **tdoc S3LI04\_114**

This was presented by Bernhard Spalt on behalf of Siemens and Cingular to take into account national requirements following the discussion in Rome. This is accepted following editorial amendments and reissued as **tdoc S3LI04\_114r2**. This was later reviewed and accepted.

6.2.9 Correction of the Sub-addressing definitions  
**tdoc S3LI04\_115 and tdoc S3LI04\_129**

This was presented by Bernhard Spalt on behalf of Siemens to allow to send Mobile Teleservice Code or Mobile Bearer Service Code alone and aligns with TS 101 671. This was accepted after a minor editorial change and reissued as **tdoc S3LI04\_115r2**. This was later reviewed and accepted.

tdoc S3LI04\_129 was presented by Giorgi Gulbani of Nokia and highlights some differences from the previous contribution and he asks for opinions. After some discussion it was decided to revise the contribution and reconsider it. This was later reviewed as **tdoc S3LI04\_129r1**. This was later reviewed and accepted as **tdoc S3LI04\_129r2**.

6.2.10 Correction to HI3 Domain Id definition **tdoc S3LI04\_124r1**

This was introduced by Giorgi Gulbani of Nokia. After some discussion and editorial changes this was accepted and will be reissued as **tdoc S3LI04\_124r2**. This was later reviewed and accepted.

6.2.11 Replace SIP URL with SIP URI **tdoc S3LI04\_132**

This was introduced by Jerry Shih of Cingular and proposes consistency with RFC 3261 and TS24.229 SIP usage and to avoid confusion. After minor editorial changes this was accepted and will be reissued as **tdoc S3LI04\_132r1**. This was later reviewed and accepted.

6.2.12 Corrections of abbreviations **tdoc S3LI04\_125r1**.

This submission by Jean-Francois Zell of Aqsacom and was introduced by Giorgi Gulbani. This was reviewed and accepted.

## 7 Continued Discussion and New Business

### 7.1 Distributed LI Ability – Stage 1

**tdoc S3LI04\_118**

This was presented by Koen Jaspers of PIDS and is a discussion paper on the draft TS for Distributed Lawful Interception Ability stage 1 for release 7 following a proposal at Jackson Hole in September 2003. The document was noted and left open for the next meeting. Delegates are asked to consider inputs to sections 4 and 5 although this is not a Work Item as such.

## 8 Review meeting output

Note re closure of 33.106 and 33.108

## 9 October meeting agenda, work plan

The venue for October is San Antonio and we will be meeting Monday- Wednesday noon. On Wednesday afternoon we will have an information sharing session with TIA TR45 LAES. LAES will hold their meeting all day Thursday. SA3-LI is invited to this meeting. We will close 33.107 and 33.108 release 6 at this meeting.

## 10 Review Action Points

**Action Point AP04\_15:** Alex Leadbeater to initiate an e-mail discussion regarding routing area update during SGSN handover.

**Action Point 04\_16.** Ron Ryan to remove superfluous spaces in ASN.1 in 33.108.

**Action Point AP04\_17:** Selvam Rengasami to start an e-mail discussion on the IMS interception solution.

**Action Point 04\_18:** Manfred Beierer to investigate how the ITU ASN.1 Recommendations should be described regarding issue date.

**Action Point 04\_19:** Manfred Beierer to check the references in notes 4 and 5 in tdoc S3LI04\_143. **Completed**

## 11 Other business

### 11.1 3GPP CR Form

**tdoc S3LI04\_142**

Tdoc 142 includes a new CR form for release 7. It is expected that all contributors will use this form for the October meeting.

### 11.2 Meeting dates and venues for 2005.

Consideration should be given so that SA3-LI meets a minimum of two weeks ahead of SA3.

## 12 Close of meeting

no later than 1500

## **Working procedures**

Contributors are encouraged to perform the following when issuing contributions for an upcoming meeting.

1. Request TDOC number.
2. Distribute contribution via email to LI group members.
3. Send contribution to Chair, [brye.bonner@motorola.com](mailto:brye.bonner@motorola.com) to upload.

It is requested that all contributions be upload no later than Tuesday before the meeting. Contributions brought into the meeting or distributed/uploaded later than Tuesday will be discussed at the end of the meeting if time is available. The meeting schedule will not be changed to accommodate late contributions.

For the next meeting the cut off date for contributions to be distributed and uploaded is October 5, 2004.

## **2004 meeting dates and venues**

Meeting Number	Meeting Date	Meeting Venue	Sponsor	Notes
15	11-13 October	USA	North American Friends of 3GPP	

## Annex A: List of Participants

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## Annex B: List of Action Items

Number	Name	Action	status
2004			
AP04_01	Ron Ryan	to e-mail Maurice Pope on the implementation of <b>tdoc S3LI03_113r2</b>	Closed
AP04_02	Ron Ryan	to e-mail Maurice Pope on the implementation of <b>tdoc S3LI03_112r2</b>	Closed
AP04_03	Giorgi Gulbani.	to provide some guidance on architecture for the new services	Closed
AP04_04	Maurizio Iovieno	to check changes for TS 101 671 as a result of <b>tdocS3LI04_018r1</b>	Closed
AP04_05	Maurizio Iovieno	to draft CR for 33.108 based on <b>tdoc S3LI04_021</b>	Closed
AP04_06	Manfred Beierer	write a CR for Release 5 in accordance with <b>tdocS3LI04_015r1</b>	Closed
AP04_07	Chair	to draft LS to CN2 on Lawful Interception for SCP initiated calls	Closed
AP04_08	Bernhard Spalt	to bring in CR against TC LI Oxford CR069r2 tdoc 51r2 following review with Swisscom) to the July meeting.	Closed
AP04_09	Jean-Francois Zell	to bring CR against TC LI Oxford CR060 tdoc 30 to the July meeting.	Closed
AP04_10	Manfred B	to bring in CR against TC LI Oxford CR058r2 tdoc 48r2 to the July meeting.	Closed
AP04_11	Rapporteur of 101.671	to bring in 3 CRs against TC LI Oxford: CR 054 tdoc 019, CR055 tdoc 20, and CR061 tdoc42	Closed
AP04_12	Selvam Rengasami	will ascertain the US LEA requirement for IRI and/or CC.	Closed
AP04_13	The Chair and Marcus Lutz	will take an action point to clarify the text with the diagrams in <b>tdoc S3LI04_055</b>	Closed
AP04_14	Not used		Not used
AP04_15	Alex Leadbeater	to initiate an e-mail discussion regarding routing area update during SGSN handover.	
AP04_16	Ron Ryan	to remove superfluous spaces in ASN.1 in 33.108.	
AP04_17	Selvam Rengasami	to start an e-mail discussion on the IMS interception solution.	
AP04_18	Manfred Beierer	to investigate how the ITU ASN.1 Recommendations should be described regarding issue date	
AP04_19	Manfred Beierer	to check the references in notes 4 and 5 in tdoc S3LI04_143	closed

## Annex C: List of documents

TD # S3LI04	Title	Source	Meeting	Doc for	Comments	Status
005r1	Change Request - Corrections to U.S. Requirements	Rapporteur T1P1.5	2004-01	Approval		Open
026	Monitor file	Chair	2004-01		AMR-WB tracking no longer needed	open
101	Agenda	Chair	2004-07	Approval	R1	approved
102	Rome Meeting Report	Chair	2004-07	Approval	R1	approved
103	Change Request – Explanation concerning the Sequence Number	BMWi	2004-07	Approval	R2	approved
104	Void					
105	Void					
106	Change Request – National ASN.1 Parameter	BMWi	2004-07	approval	R2	approved
107	Change Request – Correction to References	T1P1.5 Rapporteur	2004-07	approval	New document 143	
108	WLAN-3GPP Interworking – LI Requirements	FBI//TrideaWorks	2004-07	approval	140 and 141	noted
109	Change Request – Clarifying Clause Titles	Nokia	2004-07	approval	R2	approved
110	Change Request – Adding Azimuth in Location	PIDS	2004-07	approval	R2	approved
111	Discussion Paper on Specific vs. Non-Specific References	Nokia	2004-07	discussion		noted
112	Change Request – Adding an Encryption Parameter to IRI across HI2 Port	Nokia	2004-07	approval		withdrawn
113	Change Request - Correction on the Use of Session Initiator Parameter	FBI/Tridea	2004-07	approval		approved
114	Change Request – HI3 SIP Content Clarification	Siemens/Cingular	2004-07	approval	R2	approved
115	Correction on the Subaddressing Definition	Siemens	2004-07	Approval	R2	approved
116	MBMS Interception	Siemens	2004-07	discussion		noted
117	Change Request - ICE, IME definition	Siemens	2004-07	approval	R2	approved
118	Distributed LI Ability – Stage 1	PIDS	2004-07	discussion		noted
119	Void					
120	Change Request - Clarification on MMS Interception	BT Group	2004-07	Approval	R1	accept

TD # S3LI04	Title	Source	Meeting	Doc for	Comments	Status
121	HI2 Termination of Intercept Notification	BT Group	2004-07	discussion		noted
122	Change Request – End of Interception with User PDP Context Active HI2 Notification	BT Group	2004-07	approval		withdrawn
123	Shortfalls of IMS Interception	FBI/Tridea Works	2004-07	discussion		noted
124	Change Request – Correction to HI3 Domain Id Definition	Nokia	2004-07	approval	R2	approved
125r1	Change Request – Corrections of Abbreviations	Aquascom/ Nokia	2004-07	approval		approved
126	SA WG3 report (10-14 May)	Rapporteur SA3	2004-07	discussion		noted
127	SA Report	Rapporteur SA3	2004-07	discussed		noted
128	Change Request – Clarification to SMS Interception	Nokia	2004-07	approval	R1	approved
129	Change Request – Correction of the Sub-addressing Definitions	Siemens	2004-07	approval	R2	approved
130	Change Request - Replace SIP URL with SIP URI (33.107)	Cingular	2004-07	approval	R3	approved
131	Void					
132	Change Request - Replace SIP URL with SIP URI (33.107)	Cingular	2004-07	approval	R1	approved
133	Liaison from T1P1	Chair	2004-07	discussion	Response liaison 138	noted
134	Liaison from TR45 LAES	Rapporteur TR45 LAES	2004-07	discussion		noted
135	SA3-34 Draft Report	Rapporteur SA3	2004-07	discussion		noted
136	TR-45 LAES meeting report	Rapporteur LAES	2004-07	discussion		noted
137	T1P1.5 report	Rapporteur T1P1.5	2004-07	discussion		noted
138	Reply LS for T1P1	Nokia	2004-07	approval	R1	approved
139	AP04-11 Related to 33.08R6	Peter Van der Arend	2004-07	approval		approved
140	Attachment to liaison to SA for extension on release 6 work for 33.107.	FBI/Tridea Works	2004-07	discussion	R1	approved
141	Working Draft for Interception of WLAN Events	FBI/Tridea Works	2004-07	discussion	R1	noted

TD # S3LI04	Title	Source	Meeting	Doc for	Comments	Status
142	3GPP CR Form for Release 7	ETSI	2004-07	For next meeting		noted
143	References	Nokia	2004-07	approval	R3	approved
144	Draft Report for Provoa de Varzim	Secretariat	2004-07	approval		

## Annex D List of Change Requests

TD # S3LI04	Title
103r2	Change Request – Explanation concerning the Sequence Number
106r2	Change Request – National ASN.1 Parameter
109r2	Change Request – Clarifying Clause Titles
110r2	Change Request – Adding Azimuth in Location
113	Change Request - Correction on the Use of Session Initiator Parameter
114r2	Change Request – HI2 SIP Content Clarification
115r2	Change Request – Correction to Subaddressing Definitions
117r2	Change Request - ICE, IME definition
120r1	Change Request - Clarification on MMS Interception
124r2	Change Request – Correction to HI3 Domain Id Definition
125r1	Change Request – Corrections of Abbreviations
128r1	Change Request – Clarification to SMS Interception
129r2	Change Request – Correction of the Sub-addressing Definitions
130r2	Change Request - Replace SIP URL with SIP URI (33.107)
132r1	Change Request - Replace SIP URL with SIP URI (33.107)
143r3	Change Request - References

## Annex E List of Liaison Statements

138	Reply LS for T1P1
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## Annex F: 2004 meeting dates and venues



<b>Meeting Number</b>	<b>Meeting Date</b>	<b>Meeting Venue</b>	<b>Sponsor</b>	<b>Notes</b>
15	11-13 October	USA	North American Friends of 3GPP	Co-located with TR45 LAES