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UMTS Handover Interface for Lawful Interception

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ATIS-0700724.2014 *Units Handover Interface for Lawful Interception*

Is an American National Standard developed by the **Lawful Intercept (LI) Subcommittee** under the **ATIS Wireless Technologies and Systems Committee (WTSC)**.

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American National Standard for Telecommunications

UMTS Handover Interface for Lawful Interception

Alliance for Telecommunications Industry Solutions

Approved May 29, 2014

American National Standards Institute, Inc.

Abstract

This standard is based on GPP TS33.108 [31], modified to become an American National Standard for Telecommunications. Laws of individual nations and regional institutions (e.g., European Union), and sometimes licensing and operating conditions, define a need to intercept telecommunications traffic and related information in modern telecommunications systems. It has to be noted that lawful interception shall always be done in accordance with the applicable national or regional laws and technical regulations. Nothing in this standard, including the definitions, is intended to supplant national law.

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between providers, customers, and manufacturers. The Wireless Technologies and Systems Committee (WTSC) develops and recommends standards and technical reports related to wireless and/or mobile services and systems, including service descriptions and wireless technologies. WTSC develops and recommends positions on related subjects under consideration in other North American, regional and international standards bodies.

This American National Standard is based on a Technical Specification that was produced by the 3rd Generation Partnership Project (3GPP). That specification (TS 33.108 Release 5 [31]) is intended for generic use in a number of countries or regions.

Annex H is a normative part of this standard and specifies aspects that are specific to the United States for CALEA.

ANSI guidelines specify two categories of requirements: mandatory and a recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, WTSC, 1200 G Street NW, Suite 500, Washington, DC 20005.

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The **Lawful Intercept [LI]** Subcommittee was responsible for the development of this document.

Table of Contents

1	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	SCOPE	1
2	NORMATIVE REFERENCES	1
3	DEFINITIONS & ABBREVIATIONS	3
3.1	DEFINITIONS	3
3.2	ABBREVIATIONS	5
4	GENERAL	7
4.1	BASIC PRINCIPLES FOR THE HANDOVER INTERFACE	7
4.2	LEGAL REQUIREMENTS	7
4.3	FUNCTIONAL REQUIREMENTS	7
4.4	OVERVIEW OF HANDOVER INTERFACE	8
4.4.1	Handover Interface Port 2 (HI2)	8
4.4.2	Handover Interface Port 3 (HI3)	9
4.5	HI2: INTERFACE PORT FOR INTERCEPT RELATED INFORMATION	9
4.5.1	Data Transmission Protocols	10
4.5.2	Application for IRI (HI2 information)	10
4.5.3	Types of IRI Records	10
5	CIRCUIT-SWITCH DOMAIN	11
6	PACKET DATA DOMAIN	11
6.1	IDENTIFIERS	11
6.1.1	Lawful interception identifier	11
6.1.2	Network identifier	12
6.1.3	Correlation Number	12
6.2	PERFORMANCE, RELIABILITY, & QUALITY	12
6.2.1	Timing	12
6.2.2	Quality	12
6.2.3	Reliability	13
6.3	SECURITY ASPECTS	13
6.4	QUANTITATIVE ASPECTS	13
6.5	IRI FOR PACKET DOMAIN	13
6.5.1	Events & Information	16
6.6	IRI REPORTING FOR PACKET DOMAIN AT GGSN	24
6.7	CONTENT OF COMMUNICATION INTERCEPTION FOR PACKET DOMAIN AT GGSN	24
7	MULTIMEDIA DOMAIN	25
ANNEX A: HI2 DELIVERY MECHANISMS & PROCEDURES		26
A.1	ROSE	26
A.1.1	Architecture	26
A.1.2	ASE_HI Procedures	27
A.2	FTP	29
A.2.1	Introduction	29
A.2.2	Usage of the FTP	29
A.2.3	Profiles (informative)	31
A.2.4	File Content	32
A.2.5	Exceptional Procedures	33
A.2.6	Other Considerations	33

ANNEX B: STRUCTURE OF DATA AT THE HANDOVER INTERFACE 34

B.1 SYNTAX DEFINITIONS 34

B.2 3GPP OBJECT TREE 35

B.3 INTERCEPT RELATED INFORMATION (HI2) 35

B.4 HI3 CC DEFINITION 41

ANNEX C: UMTS HI3 INTERFACE 42

C.1 UMTS LI CORRELATION HEADER 42

C.1.1 Introduction..... 42

C.1.2 Definition of ULIC Header Version 0..... 42

C.1.3 Definition of ULIC Header version 1 44

C.1.4 Exceptional Procedure 44

C.1.5 Other Considerations..... 45

C.2 FTP 43

C.2.1 Introduction..... 45

C.2.2 Usage of the FTP 45

C.2.3 Exceptional procedures 47

C.2.4 CC Contents for FTP 47

C.2.5 Other Considerations..... 51

ANNEX D: LEMF REQUIREMENTS - HANDLING OF UNRECOGNISED FIELDS & PARAMETERS 53

ANNEX E: BIBLIOGRAPHY 54

ANNEX F: VOID 56

ANNEX G: UNITED STATES LAWFUL INTERCEPTION..... 57

G.1 DELIVERY METHODS PREFERENCES..... 57

G.2 HI2 DELIVERY METHODS..... 57

G.2.1 TPKT/TCP/IP..... 57

G.3 HI3 DELIVERY METHODS..... 59

G.3.1 Use of TCP/IP 59

G.4 CROSS REFERENCE OF TERMS BETWEEN J-STD-025-A & 3GPP 61

ANNEX H: UNITED STATES LAWFUL INTERCEPTION..... 62

ANNEX I: DOCUMENT REVISION HISTORY..... 63

Table of Figures

FIGURE 4. 1 - FUNCTIONAL BLOCK DIAGRAM SHOWING HANDOVER INTERFACE HI 8

FIGURE A. 1 - ARCHITECTURE 26

FIGURE B. 1 - 3GPP OBJECT TREE 35

FIGURE C. 1 - OUTLINE OF ULIC HEADER 43

FIGURE C. 2 - OUTLINE OF CORRELATION NUMBER 43

FIGURE C. 3 - ULIC HEADER FOLLOWED BY THE SUBSEQUENT PAYLOAD INFORMATION ELEMENT 44

FIGURE C. 4 - INFORMATION ELEMENTS IN THE CC HEADER..... 50

FIGURE C. 5 - INFORMATION ELEMENTS IN THE CC HEADER..... 50

FIGURE C. 6 - IE STRUCTURE OF A CC MESSAGE THAT CONTAINS ONE INTERCEPTED PACKET 50

Table of Tables

TABLE 6. 1 - MAPPING BETWEEN UMTS DATA EVENTS AND HI2 RECORDS TYPE.....	14
TABLE 6. 2 - MAPPING BETWEEN EVENTS INFORMATION AND IRI INFORMATION	15
TABLE 6. 3 - GPRS ATTACH REPORT RECORD.....	17
TABLE 6. 4 - GPRS DETACH REPORT RECORD	17
TABLE 6. 5 - PDP CONTEXT ACTIVATION (UNSUCCESSFUL) REPORT RECORD.....	18
TABLE 6. 6 -LOCATION INFORMATION UPDATE REPORT RECORD.....	18
TABLE 6. 7 - SMS-MO AND SMS-MT COMMUNICATION REPORT RECORD.....	19
TABLE 6. 8 - SERVING SYSTEM REPORT RECORD	19
TABLE 6. 9 - PDP CONTEXT ACTIVATION (SUCCESSFUL) BEGIN RECORD.....	20
TABLE 6. 10 - START OF INTERCEPTION (WITH PDP CONTEXT ACTIVE) BEGIN RECORD	21
TABLE 6. 11 - PDP CONTEXT MODIFICATION CONTINUE RECORD.....	22
TABLE 6. 12 - PDP CONTEXT DEACTIVATION END RECORD	24
TABLE A. 1 - POSSIBLE FILE TYPES	30
TABLE A. 2 - TIMING CONSIDERATIONS.....	33
TABLE C. 1 - POSSIBLE FILE TYPES.....	46
TABLE C. 2 - INFORMATION ELEMENTS IN THE FIRST VERSION OF THE CC HEADER.....	48
TABLE C. 3 - INFORMATION ELEMENTS IN THE SECOND VERSION OF THE CC HEADER.....	49
TABLE C. 4 - TIMING CONSIDERATIONS	52
TABLE G. 1 - CROSS REFERENCE OF TERMS BETWEEN J-STD-025 A AND 3C.....	61

American National Standard for Telecommunications –

UMTS Handover Interface for Lawful Interception

1 Introduction

1.1 Background

This specification is based on 3GPP TS 33.108 [31] and modified for an American National Standard for Telecommunications.

Laws of individual nations and regional institutions (e.g., European Union), and sometimes licensing and operating conditions define a need to intercept telecommunications traffic and related information in modern telecommunications systems. It has to be noted that lawful interception shall always be done in accordance with the applicable national or regional laws and technical regulations. Nothing in this specification, including the definitions, is intended to supplant national law.

The reader may find 3GPP TS 33.106 [18] and 3GPP TS 33.107 [19] useful in connection with the use of this standard. This specification may also be used with earlier releases of 3GPP TS 33.106 and 3GPP TS 33.107, as well as for earlier releases of Universal Mobile Telecommunication System (UMTS) and General Packet Radio Service (GPRS).

1.2 Scope

This document addresses the handover interfaces for lawful interception of Packet-Data Services, Circuit Switched Services, and Multimedia Services within Global System for Mobile Communications (GSM) and UMTS.

For Multimedia Services the reader may refer to ATIS-0700005.2007 [32] "Lawfully Authorized Electronic Surveillance (LAES) for 3GPP IMS-based VoIP and other Multimedia Services, May, 2007" and ATIS-0700005.a.2010 [33] "Supplement A to Lawfully Authorized Electronic Surveillance (LAES) for 3GPP IMS-based VoIP and other Multimedia Services, August 2010".

This specification defines the handover interfaces for delivery of lawful interception Intercept Related Information (IRI) and Content of Communication (CC) to the Law Enforcement Monitoring Facility. The handover interface in this context includes the delivery of Intercept Related Information (HI2) and Content of Communication (HI3) to the Law Enforcement Monitoring Facility.

2 Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.

For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [4] 3GPP TS 29.002 V5.7.0 (2003-09) "3rd Generation Partnership Project; Technical Specification Group Core Network; Mobile Application Part (MAP) specification; (Release 5)".¹

¹ This document is available from the Third Generation Partnership Project (3GPP) at <<http://www.3gpp.org/specs/specs.htm>>.