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**Universal Mobile Telecommunications System (UMTS);  
LTE;**

**3G security;**

**Handover interface for Lawful Interception (LI)  
(3GPP TS 33.108 version 14.3.0 Release 14)**



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## Contents

Intellectual Property Rights .....	2
Foreword.....	2
Modal verbs terminology.....	2
Foreword.....	12
Introduction .....	12
1    Scope .....	13
2    References .....	13
3    Definitions and abbreviations.....	17
3.1    Definitions .....	17
3.2    Abbreviations .....	19
4    General .....	21
4.0    Introduction .....	21
4.1    Basic principles for the handover interface .....	21
4.2    Legal requirements .....	21
4.3    Functional requirements .....	21
4.4    Overview of handover interface .....	22
4.4.0    Introduction.....	22
4.4.1    Handover interface port 2 (HI2) .....	23
4.4.2    Handover interface port 3 (HI3) .....	23
4.5    HI2: Interface port for intercept related information.....	23
4.5.0    General.....	23
4.5.1    Data transmission protocols.....	24
4.5.2    Application for IRI (HI2 information) .....	24
4.5.3    Types of IRI records .....	24
4.6    Reliability .....	25
5    Circuit-switch domain .....	26
5.0    General .....	26
5.1    Specific identifiers for LI .....	26
5.1.0    Introduction.....	26
5.1.1    Lawful Interception IDentifier (LIID) .....	26
5.1.2    Communication IDentifier (CID) .....	26
5.1.2.0    General .....	26
5.1.2.1    Network Identifier (NID) .....	27
5.1.2.2    Communication Identity Number (CIN) – optional .....	27
5.1.3    CC link identifier (CCLID).....	27
5.1.4    Correlation of CC and IRI .....	27
5.1.5    Usage of Identifiers.....	28
5.2    HI2: interface port for IRI .....	28
5.2.1    Definition of Intercept Related Information .....	28
5.2.2    Structure of IRI records .....	29
5.2.2.0    General .....	29
5.2.2.1    Control Information for HI2.....	29
5.2.2.2    Basic call information .....	30
5.2.2.3    Information on supplementary services, related to a call in progress.....	30
5.2.2.4    Information on non-call related supplementary services.....	31
5.2.3    Delivery of IRI.....	31
5.3    HI3: interface port for Content of Communication .....	35
5.3.0    General.....	35
5.3.1    CS-based Delivery of Content of Communication .....	35
5.3.2    Control information for Content of Communication .....	36
5.3.3    Security requirements at the interface port of HI3.....	37
5.3.3.0    General.....	37

5.3.3.1	LI access verification .....	38
5.3.3.2	Access protection .....	38
5.3.3.3	Authentication .....	38
5.4	LI procedures for supplementary services .....	38
5.4.1	General.....	38
5.4.2	CC link Impact.....	41
5.4.3	IRI Impact, General Principle for Sending IRI records .....	41
5.4.4	Multi party calls – general principles, options A, B .....	41
5.4.4.0	General .....	41
5.4.4.1	CC links for active and non-active calls (option A) .....	41
5.4.4.2	Reuse of CC links for active calls (option B).....	42
5.4.5	Subscriber Controlled Input (SCI): Activation / Deactivation / Interrogation of Services .....	43
5.5	Detailed procedures for supplementary services .....	43
5.5.1	Advice of Charge services (AOC) .....	43
5.5.2	Call Waiting (CW).....	43
5.5.2.1	Call Waiting at target: CC links .....	43
5.5.2.2	Call Waiting: IRI records .....	43
5.5.2.2.1	Target is served user .....	43
5.5.2.2.2	Other party is served user .....	43
5.5.3	Call Hold/Retrieve .....	43
5.5.3.1	CC links for active and non-active calls (option A) .....	43
5.5.3.2	Reuse of CC links for active calls (option B).....	43
5.5.3.3	IRI records.....	44
5.5.3.3.1	Invocation of Call Hold or Retrieve by target .....	44
5.5.3.3.2	Invocation of Call Hold or Retrieve by other parties.....	44
5.5.4	Explicit Call Transfer (ECT) .....	44
5.5.4.1	Explicit Call Transfer, CC link .....	44
5.5.4.2	Explicit Call Transfer, IRI records .....	44
5.5.5	Calling Line Identification Presentation (CLIP) (IRI Records) .....	44
5.5.5.1	Call originated by target (target is served user).....	44
5.5.5.2	Call terminated at target (other party is served user) .....	44
5.5.6	Calling Line Identification Restriction (CLIR).....	44
5.5.7	Connected Line identification Presentation (COLP) .....	45
5.5.7.1	Call terminated at target (target is served user).....	45
5.5.7.2	Call originated by target (other party is served user) .....	45
5.5.8	Connected Line identification Restriction (COLR) .....	45
5.5.9	Closed User Group (CUG) .....	45
5.5.10	Completion of Call to Busy Subscriber (CCBS) .....	45
5.5.11	Multi ParTY call (MPTY) .....	45
5.5.11.1	General.....	45
5.5.11.2	IRI records.....	45
5.5.12	DIVersion Services (DIV) .....	45
5.5.12.0	General.....	45
5.5.12.1	Call Diversion by Target .....	46
5.5.12.1.1	Call Diversion by Target, CC links .....	46
5.5.12.1.2	Call Diversion by Target, IRI records .....	46
5.5.12.2	Forwarded Call Terminated at Target .....	46
5.5.12.3	Call from Target Forwarded.....	46
5.5.13	Variants of call diversion services .....	46
5.5.14	SUBaddressing (SUB) .....	47
5.5.15	User-to-User Signalling (UUS).....	47
5.5.16	Incoming Call Barring (ICB).....	47
5.5.17	Outgoing Call Barring (OCB).....	47
5.5.18	Tones, Announcements.....	47
5.6	Functional architecture .....	47
5.7	IP-based handover interface for CC .....	48
5.7.1	General.....	48
5.7.2	Identifiers .....	49
5.7.3	Voice Content Direction .....	50
5.7.4	Payload Description.....	50
5.7.5	Sequence Number .....	50

6	Packet data domain.....	51
6.1	Identifiers .....	51
6.1.0	Introduction.....	51
6.1.1	Lawful interception identifier .....	51
6.1.2	Network identifier.....	51
6.1.3	Correlation number.....	51
6.2	Timing and quality .....	52
6.2.1	Timing .....	52
6.2.2	Quality .....	52
6.2.3	Void .....	52
6.3	Security aspects .....	52
6.4	Quantitative aspects.....	52
6.5	IRI for packet domain.....	53
6.5.0	Introduction.....	53
6.5.1	Events and information	57
6.5.1.0	General .....	57
6.5.1.1	REPORT record information .....	57
6.5.1.2	BEGIN record information .....	66
6.5.1.3	CONTINUE record information .....	67
6.5.1.4	END record information .....	69
6.6	IRI reporting for packet domain at GGSN .....	70
6.7	Content of communication interception for packet domain at GGSN.....	70
7	Multi-media domain .....	71
7.0	Introduction .....	71
7.1	Identifiers .....	72
7.1.0	General.....	72
7.1.1	Lawful Interception Identifier (LIID) .....	72
7.1.2	Network identifier.....	73
7.1.3	Correlation number.....	73
7.2	Timing and quality .....	74
7.2.1	Timing .....	74
7.2.2	Quality .....	74
7.2.3	Void .....	74
7.3	Security aspects .....	74
7.4	Quantitative aspects.....	74
7.5	IRI for IMS.....	75
7.5.0	Introduction.....	75
7.5.1	Events and information.....	78
7.6	Correlation indications of IMS IRI with GSN CC at the LEMF .....	83
7.7	Void.....	83
8	3GPP WLAN Interworking.....	83
8.0	General .....	83
8.1	Identifiers .....	83
8.1.1	Overview .....	83
8.1.2	Lawful interception identifier .....	83
8.1.3	Network identifier.....	84
8.1.4	Correlation number.....	84
8.2	Timing and quality .....	84
8.2.1	Timing .....	84
8.2.2	Quality .....	84
8.2.3	Void .....	85
8.3	Security aspects .....	85
8.4	Quantitative aspects.....	85
8.5	IRI for I-WLAN .....	85
8.5.0	Introduction.....	85
8.5.1	Events and information.....	89
8.5.1.1	Overview.....	89
8.5.1.2	REPORT record information .....	89
8.5.1.3	BEGIN record information .....	94
8.5.1.4	END record information .....	96

8.6	CC for I-WLAN .....	97
9	Interception of Multimedia Broadcast/MultiCast Service (MBMS) .....	97
9.1	Identifiers .....	97
9.1.1	Overview .....	97
9.1.2	Lawful interception identifier .....	97
9.1.3	Network identifier.....	98
9.1.4	Correlation number.....	98
9.2	Timing and quality .....	98
9.2.1	Timing .....	98
9.2.2	Quality .....	98
9.2.3	Void .....	98
9.3	Security aspects .....	98
9.4	Quantitative aspects.....	99
9.5	IRI for MBMS .....	99
9.5.0	General.....	99
9.5.1	Events and information .....	101
9.5.1.1	Overview.....	101
9.5.1.2	REPORT record information .....	101
9.5.1.3	BEGIN record information .....	102
9.5.1.4	END record information .....	103
9.6	CC for MBMS .....	104
10	Evolved Packet System (EPS).....	104
10.0	Introduction .....	104
10.1	Identifiers .....	105
10.1.0	Introduction.....	105
10.1.1	Lawful interception identifier .....	105
10.1.2	Network identifier.....	105
10.1.3	Correlation number .....	106
10.2	Timing and quality .....	106
10.2.1	Timing .....	106
10.2.2	Quality .....	106
10.2.3	Void .....	106
10.3	Security aspects .....	106
10.4	Quantitative aspects.....	107
10.5	IRI for evolved packet domain .....	107
10.5.0	Introduction.....	107
10.5.1	Events and information .....	113
10.5.1.0	Introduction.....	113
10.5.1.1	REPORT record information .....	113
10.5.1.2	BEGIN record information .....	125
10.5.1.3	CONTINUE record information .....	128
10.5.1.4	END record information .....	131
10.6	IRI reporting for evolved packet domain at PDN-GW .....	134
10.7	Content of communication interception for evolved packet domain at PDN-GW .....	134
11	3GPP IMS Conference Services.....	135
11.1	Identifiers .....	135
11.1.1	Overview .....	135
11.1.2	Lawful interception identifier .....	135
11.1.3	Network identifier.....	135
11.1.4	Correlation number .....	136
11.2	Timing and quality .....	136
11.2.1	Timing .....	136
11.2.2	Quality .....	136
11.2.3	Void .....	136
11.3	Security aspects .....	136
11.4	Quantitative aspects.....	136
11.5	IRI for IMS Conference Services .....	137
11.5.0	Introduction.....	137
11.5.1	Events and information .....	140
11.5.1.1	Overview.....	140

11.5.1.2	BEGIN record information .....	140
11.5.1.3	CONTINUE record information .....	141
11.5.1.4	END record information .....	144
11.5.1.5	REPORT record information .....	145
11.6	CC for IMS Conference Services .....	146
12	3GPP IMS-based VoIP Services .....	147
12.1	Identifiers .....	147
12.1.1	Overview .....	147
12.1.2	Lawful Interception Identifier .....	147
12.1.3	Network Identifier .....	147
12.1.4	Correlation Number .....	147
12.2	Timing and quality .....	148
12.3	Security aspects .....	148
12.4	Quantitative aspects .....	148
12.5	IRI for IMS-based VoIP .....	148
12.6	CC for IMS-based VoIP .....	148
12.7	VoLTE Roaming .....	149
12.7.1	General .....	149
12.7.2	LI in HPLMN .....	149
12.7.2.1	With S8HR .....	149
12.7.2.2	With LBO .....	149
12.7.3	LI in VPLMN with S8HR .....	149
12.7.4	LI in VPLMN with LBO .....	150
12.8	Roaming Constraints to IMS VoIP/VoLTE LI .....	150
13	Interception of Proximity Services (ProSe) .....	151
13.1	General .....	151
13.1.1	Identifiers .....	151
13.1.1.1	Overview .....	151
13.1.1.2	Lawful interception identifier .....	151
13.1.1.3	Network identifier .....	151
13.1.2	Timing and quality .....	152
13.1.2.1	Timing .....	152
13.1.2.2	Quality .....	152
13.1.3	Security aspects .....	152
13.1.4	Quantitative aspects .....	152
13.2	ProSe Direct Discovery .....	152
13.2.1	General .....	152
13.2.2	Events and information .....	154
13.2.2.1	Overview .....	154
13.2.2.2	REPORT record information .....	154
13.3	ProSe Remote UE communications .....	155
13.3.1	General .....	155
13.3.2	Events and information .....	157
13.3.2.1	Overview .....	157
13.3.2.2	REPORT record information .....	157
13.3.2.3	BEGIN record information .....	159
13.3.2.4	CONTINUE record information .....	160
13.3.2.5	END record information .....	161
14	Invocation of Lawful Interception (LI) for Group Communications System Enablers (GCSE) .....	161
14.1	Background .....	161
14.1.1	Interception at GCS AS versus other nodes .....	161
14.2	GCS AS in Intercepting Operator's Network .....	161
14.2.1	General .....	161
14.2.2	Identifiers .....	161
14.2.2.1	Overview .....	161
14.2.2.2	Lawful Interception Identifier .....	162
14.2.2.3	Network Identifier .....	162
14.2.2.3	Correlation Number .....	162
14.2.3	Timing and quality .....	162
14.2.3.1	Timing .....	162

14.2.3.2	Quality.....	163
14.2.4	Security Aspects .....	163
14.2.4.1	General.....	163
14.2.5	Quantitative Aspects.....	163
14.2.5.1	General.....	163
14.2.6	IRI for GCSE based Communications .....	163
14.2.6.1	General.....	163
14.2.6.2	Events and Event Information.....	166
14.2.6.2.1	Overview .....	166
14.2.6.2.2	BEGIN record information.....	166
14.2.6.2.3	CONTINUE record information.....	168
14.2.6.2.4	END record information.....	170
14.2.7	CC for GCSE based Communications .....	171
14.2.7.1	General.....	171
14.3	GCS AS Outside Intercepting Operator Network .....	171
14.3.1	General.....	171
15	Interception of Messaging Services .....	172
15.1	Overview .....	172
15.2	SMS.....	172
15.2.1	Introduction.....	172
15.2.2	SMS over GPRS/UMTS .....	172
15.2.3	SMS over IMS .....	172
15.3	MMS .....	173
15.3.1	Introduction.....	173
15.3.2	Identifiers.....	173
15.3.2.1	Overview .....	173
15.3.2.2	Lawful Interception Identifier .....	173
15.3.2.3	Correlation Number .....	174
15.3.6	IRI for MMS .....	174
15.3.6.1	General.....	174
15.3.6.2	Events and Event Information.....	177
15.3.6.2.1	Overview .....	177
15.3.6.2.2	REPORT record information.....	178
15.3.7	CC for MMS .....	190
15.3.7.1	General.....	190
<b>Annex A (normative):</b>	<b>HI2 delivery mechanisms and procedures.....</b>	<b>191</b>
A.0	Introduction .....	191
A.1	ROSE.....	191
A.1.1	Architecture .....	191
A.1.2	ASE_HI procedures.....	192
A.1.2.1	Sending part .....	192
A.1.2.2	Receiving part .....	193
A.1.2.3	Data link management .....	193
A.1.2.3.0	General .....	193
A.1.2.3.1	Data link establishment .....	193
A.1.2.3.2	Data link release .....	194
A.1.2.4	Handling of unrecognized fields and parameters .....	194
A.2	FTP .....	194
A.2.1	Introduction .....	194
A.2.2	Usage of the FTP .....	194
A.2.3	Profiles (informative) .....	196
A.2.4	File content .....	198
A.2.5	Exceptional procedures .....	198
A.2.6	Other considerations .....	198
<b>Annex B (normative):</b>	<b>Structure of data at the handover interface .....</b>	<b>200</b>
B.0	Introduction .....	200

B.1	Syntax definitions.....	200
B.2	3GPP object tree.....	201
B.3	Intercept related information (HI2 PS and IMS).....	202
B.3a	Interception related information (HI2 CS) .....	213
B.4	Contents of communication (HI3 PS) .....	217
B.5	HI management operation for ROSE connection.....	218
B.6	User data packet transfer (HI3 CS) .....	219
B.7	Intercept related information (and I-WLAN).....	221
B.8	Intercept related information (MBMS) .....	226
B.9	Intercept related information (HI2 SAE/EPS and IMS).....	229
B.10	Contents of communication (HI3 EPS).....	243
B.11	IMS Conference Services ASN.1 .....	244
B.11.1	Intercept related information (Conference Services).....	244
B.11.2	Contents of communication (HI3 IMS Conferencing) .....	248
B.12	Contents of Communication (HI3 IMS-based VoIP).....	249
B.13	Intercept related information for ProSe.....	251
B.14	GCSE Services ASN.1 .....	253
B.14.1	Intercept related information (GCSE Services).....	253
B.14.2	Contents of communication (HI3 GCSE Group Communications) .....	257
B.15	Intercept related information (HI2 MMS).....	258
B.16	Content information (HI3 MMS) .....	265
B.17	IP based handover (HI3) for CS voice content.....	267
<b>Annex C (normative):</b>	<b>UMTS and EPS HI3 interfaces.....</b>	<b>268</b>
C.0	Introduction .....	268
C.1	UMTS LI correlation header.....	268
C.1.1	Introduction .....	268
C.1.2	Definition of ULIC header version 0.....	268
C.1.3	Definition of ULIC header version 1.....	270
C.1.4	Exceptional procedure.....	271
C.1.5	Other considerations.....	271
C.2	FTP .....	271
C.2.1	Introduction .....	271
C.2.2	Usage of the FTP .....	271
C.2.3	Exceptional procedures .....	273
C.2.4	CC contents for FTP .....	273
C.2.4.1	Fields .....	273
C.2.4.2	Information element syntax .....	275
C.2.5	Other considerations.....	277
C.2.6	Profiles (informative) .....	277
<b>Annex D (informative):</b>	<b>LEMF requirements - handling of unrecognised fields and parameters.....</b>	<b>280</b>
<b>Annex E (informative):</b>	<b>Bibliography .....</b>	<b>281</b>
<b>Annex F (informative):</b>	<b>Correlation indications of IMS IRI with GSN CC at the LEMF .....</b>	<b>283</b>
<b>Annex G (informative):</b>	<b>United States lawful interception .....</b>	<b>284</b>

G.1	Delivery methods preferences .....	284
G.2	HI2 delivery methods .....	284
G.2.1	TPKT/TCP/IP.....	284
G.2.1.1	Introduction.....	284
G.2.1.2	Normal Procedures .....	284
G.2.1.2.0	General.....	284
G.2.1.2.1	Usage of TCP/IP when MF initiates TCP Connections .....	284
G.2.1.2.2	Use of TPKT .....	284
G.2.1.2.3	Sending of LI messages .....	285
G.2.1.3	ASN.1 for HI2 Mediation Function Messages.....	285
G.2.1.4	Error Procedures .....	285
G.2.1.5	Security Considerations .....	286
G.3	HI3 delivery methods .....	286
G.3.1	Use of TCP/IP .....	286
G.3.1.1	Normal Procedures .....	286
G.3.1.1.0	Introduction.....	286
G.3.1.1.1	Usage of TCP/IP when MF/DF initiates TCP Connections .....	286
G.3.1.1.2	Use of TPKT .....	286
G.3.1.1.3	Sending of Content of Communication Messages .....	287
G.3.1.2	ASN.1 for HI3 Mediation Function Messages.....	287
G.3.1.3	Error Procedures .....	287
G.3.1.4	Security Considerations .....	287
G.4	Cross reference of terms between J-STD-025-A and 3GPP.....	288
<b>Annex H (normative):</b>	<b>United States lawful interception .....</b>	<b>289</b>
<b>Annex I (informative):</b>	<b>Void .....</b>	<b>291</b>
<b>Annex J (normative):</b>	<b>Definition of the UUS1 content associated and sub-addressing to the CC link.....</b>	<b>292</b>
J.0	Introduction .....	292
J.1	Definition of the UUS1 content associated to the CC link.....	292
J.2	Use of sub-address and calling party number to carry correlation information .....	293
J.2.1	Introduction .....	293
J.2.2	Subaddress options .....	293
J.2.3	Subaddress coding.....	293
J.2.3.0	General.....	293
J.2.3.1	BCD Values .....	293
J.2.3.2	Field order and layout .....	294
J.2.4	Field coding.....	297
J.2.4.0	Introduction.....	297
J.2.4.1	Direction .....	298
J.2.4.2	Coding of the Calling Party Number .....	298
J.2.5	Length of fields .....	298
<b>Annex K (normative):</b>	<b>VoIP HI3 Interface .....</b>	<b>299</b>
K.1	VoIP CC Protocol Data Unit .....	299
K.2	Definition of VoIP LI Correlation header .....	299
K.3	Definition of Payload .....	300
K.4	LEMF Considerations .....	300
<b>Annex L (normative):</b>	<b>Conference HI3 Interface.....</b>	<b>301</b>
L.1	Conf CC Protocol Data Unit .....	301
L.2	Definition of Conference LI Correlation header .....	301

L.3	Definition of Payload .....	302
L.4	LEMF Considerations .....	302
<b>Annex M (informative): Generic LI notification (HI1 notification using HI2 method).....</b>		<b>303</b>
M.1	HI.1 delivery methods preferences:.....	303
M.2	ASN.1 description of LI management notification operation (HI1 interface).....	304
<b>Annex N (informative): Guidelines on IMS VoIP Correlation Information.....</b>		<b>308</b>
N.1	Introduction .....	308
N.2	IMS VoIP .....	308
N.2.0	General .....	308
N.2.1	One Correlation Number Value.....	309
N.2.2	Multiple Correlation Number Values .....	309
N.2.2.0	General.....	309
N.2.2.1	Method 1 .....	309
N.2.2.2	Method 2 .....	310
N.2.2.3	Method 3 .....	310
N.2.3	Complex Example – Use of one Correlation Number .....	311
N.2.4	Complex Example – Use of Multiple Correlation Numbers .....	311
N.2.4.0	General.....	311
N.2.4.1	Method 1 .....	311
N.2.4.2	Method 2 .....	312
N.2.4.3	Method 3 .....	312
N.3	IMS Conferencing .....	313
N.3.1	General .....	313
N.3.2	Target Initiated AdHoc Conference Call .....	313
N.3.3	Independent Lawful Interception of IMS-Conferencing, .....	313
N.3.3.1	General.....	313
N.3.3.2	Use of correlationNumber (OCTET STRING).....	313
N.3.3.3	Use of imsVoIP (IMS-VoIP-Correlation).....	313
N.3.3.3.1	One Correlation Number Value .....	313
N.3.3.3.2	Multiple Correlation Number Values .....	314
<b>Annex O (informative): Selection of ASN.1 HI2 sub-domain for LALS Reporting .....</b>		<b>315</b>
<b>Annex P (informative): Change history .....</b>		<b>317</b>
History .....		324

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## Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
  - 1 presented to TSG for information;
  - 2 presented to TSG for approval;
  - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

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## Introduction

This Technical Specification has been produced by 3GPP TSG SA to allow for the standardization in the area of lawful interception of telecommunications. This document addresses the handover interfaces for lawful interception of Packet-Data Services, Circuit Switched Services, Multimedia Services within the Universal Mobile Telecommunication System (UMTS) and Evolved Packet System (EPS). The 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.

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.

This specification should be used in conjunction with TS 33.106 [18] and TS 33.107 [19] in the same release. This specification may also be used with earlier releases of TS 33.106 [18] and TS 33.107 [19], as well as for earlier releases of UMTS and GPRS.

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## 1 Scope

The present document specifies the handover interfaces for Lawful Interception (LI) of Packet-Data Services, Circuit Switched Services, Multimedia Services within the UMTS network and Evolved Packet System (EPS). The handover interface in this context includes the delivery of Intercept Related Information (IRI) through the Handover Interface 2 (HI2) and Content of Communication (CC) through the Handover Interface 3 (HI3) to the Law Enforcement Monitoring Facility (LEMF).

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## 2 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*.

- [1] ETSI TS 101 331: "Lawful Interception (LI); Requirements of Law Enforcement Agencies".
- [2] ETSI ES 201 158: "Telecommunications security; Lawful Interception (LI); Requirements for network functions".
- [3] ETSI ETR 330: "Security Techniques Advisory Group (STAG); A guide to legislative and regulatory environment".
- [4] 3GPP TS 29.002: "3rd Generation Partnership Project; Technical Specification Group Core Network; Mobile Application Part (MAP) specification".
- [5A] ITU-T Recommendation X.680: "Abstract Syntax Notation One (ASN.1): Specification of Basic Notation".
- [5B] ITU-T Recommendation X.681: "Abstract Syntax Notation One (ASN.1): Information Object Specification".
- [5C] ITU-T Recommendation X.681: "Abstract Syntax Notation One (ASN.1): Constraint Specification".
- [5D] ITU-T Recommendation X.681: "Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 Specifications".
- [6] ITU-T Recommendation X.690: "ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)".

NOTE 1: It is recommended that for [5A], [5B], [5C], [5D] and [6] the 2002 specific versions should be used.

- [7] ITU-T Recommendation X.880: "Information technology - Remote Operations: Concepts, model and notation".
- [8] ITU-T Recommendation X.882: "Information technology - Remote Operations: OSI realizations - Remote Operations Service Element (ROSE) protocol specification".

NOTE 2: It is recommended that for [8] the 1994 specific versions should be used.

- [9] 3GPP TS 24.008: "3GPP Technical Specification Group Core Network; Mobile radio interface Layer 3 specification, Core network protocol; Stage 3".
- [10] - [12] Void.