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Foreword

This Technical Specification (TS) has been produced by the 3rd 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:

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- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
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Introduction

This Technical Specification has been produced by the 3GPP TSG SA to allow for the standardisation in the area of lawful interception of telecommunications. This document describes in general the architecture and functions for lawful interception. 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.

1 Scope

The present document describes the architecture and functional requirements within a Third Generation Mobile Communication System (3GMS) and the Evolved Packet System (EPS).

The specification shows the service requirements from a Law Enforcement point of view only. The aim of this document is to define a 3GMS and EPS interception system that supports a number of regional interception regulations, but these regulations are not repeated here as they vary. Regional interception requirements shall be met in using specific (regional) mediation functions allowing only required information to be transported.

The handover interfaces for Lawful Interception (LI) of Packet-Data Services, Circuit Switched Services, and Multimedia Services within the UMTS network and Evolved Packet System for Stage 3 are described in TS 33.108 [11].

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] Void

[2] ETSI ES 201 158 (V1.2.1 April 2002): "Lawful Interception; Requirements for network functions".

[3] ETSI ES 201 671 (V3.1.1 May 2007): "Handover Interface for the lawful interception of telecommunications traffic".

[4] Void

[5] Void

[6] Void

[7] 3GPP TS 33.106: "3G Security; Lawful Interception Requirements".

[8] ANSI J-STD-025-A (April 2003): "Lawfully Authorised Electronic Surveillance".

[9] Void

[10] 3GPP TS 23.060: "General Packet Radio Service (GPRS); Service description".

[11] 3GPP TS 33.108: "3G Security; Handover interface for Lawful Interception".

[12] Void

[13] 3GPP TS 21.905: "Vocabulary for 3GPP Specifications".

[14] 3GPP TS 23.234: "3GPP system to Wireless Local Area Network (WLAN) Interworking; System Description".

[15] 3GPP TS 23.008: "Organization of subscriber data".