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Universal Mobile Telecommunications System (UMTS);
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Requirements on 3GPP system to
Wireless Local Area Network (WLAN) interworking
(3GPP TS 22.234 version 13.0.0 Release 13)**



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Foreword

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Introduction

Interworking of WLAN systems with the 3GPP system was the subject of a feasibility study [2]. Suitable requirements were derived and incorporated into existing specifications. For this release, all requirements will be contained in the present document with suitable references in other specifications to guide the reader to I-WLAN requirements.

1 Scope

The present document specifies the functional requirements placed on the 3GPP system for interworking WLAN with the 3GPP system. Guidance is given for WLAN operators intending to provide the interworked WLAN capability.

Maintenance of the I-WLAN feature is discontinued as of Release 12. No further changes to this specification are intended. If any future evolution of the procedures in this specification is necessary, it should be documented in other specifications.

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.
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- 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] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TR 22.934 (V6): "Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking".
- [3] RFC 2486: "The Network Access Identifier".
- [4] 3GPP TS 22.101: "Service principles".
- [5] 3GPP TS 22.129: "Handover Requirements between UTRAN and GERAN or other Radio Systems".
- [6] 3GPP TS 22.071: "Location Services (LCS); Stage1".
- [7] 3GPP TR 22.935: "Feasibility Study on Location Services (LCS) for Interworking-WLAN".
- [8] 3GPP TR 22.278: " Service requirements for the Evolved Packet System (EPS) ".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply

3GPP-WLAN Interworking: Used generically to refer to interworking between the 3GPP system and the WLAN family of standards

3GPP PS based services: All services transported by the 3GPP PS domain.

Environment: The type of area to be covered by the WLAN network of a 3GPP-WLAN interworking; e.g. public, corporate and residential