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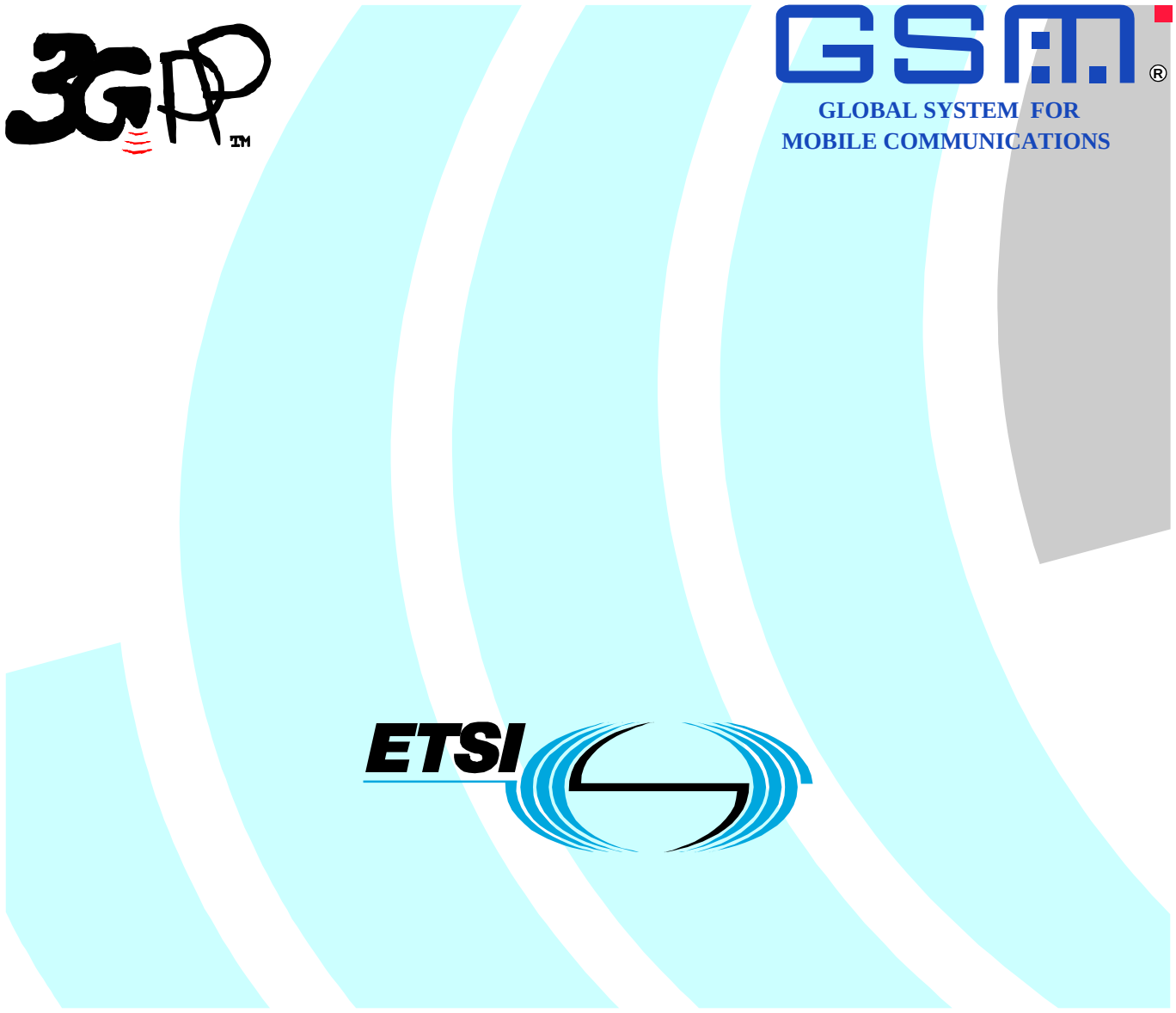
Technical Specification

Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Architecture Requirements for release 99
(3GPP TS 23.121 version 3.6.0 Release 1999)



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Contents

Foreword

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1 Scope

The present document covers issues related to the evolution of the GSM platform towards UMTS with the overall goal of fulfilling the UMTS service requirements, the support of the UMTS role model, support of roaming and support of new functionality, signalling systems and interfaces.

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.

[1] 3GPP TS 22.001 : « Services Principles ».

[2] 3GPP TS 23.002: "Network Architecture".

[3] 3GPP TS 23.060: "General Packet Radio Service (GPRS) Service description; Stage 2".

[4] ETSI TC-SMG GSM 11.14: "Specification of Subscriber Identity Module – Mobile Equipment (SIM – ME) Interface for SIM Application Toolkit".

[5] (void)

[6] 3GPP TS 23.101: "3rd Generation mobile system Release 1999 Specifications"

[7] (void)

[8] UMTSYY.01, UE-UTRAN Radio Interface Protocol Architecture – Stage 2.

[9] UMTSYY.03, Description of UE states and Procedures in Connected Mode.

[10] C. Perkins, Editor, RFC 2002, "IP Mobility Support", October 1996.

[11] B. Aboba and M. Beadles, RFC 2486, "The Network Access Identifier", January 1999.

[12] Pat R. Calhoun and Charles E. Perkins, "Mobile IP Network Address Identifier Extension", February 1999. Work in progress (http://www.ietf.org/internet-drafts/draft-ietf-mobileip-mn-nai-00.txt).

[13] http://www.ietf.org/html.charters/mobileip-charter.html

[14] 3GPP TR 21.905: "3G Vocabulary".

[15] 3GPP TS 24.007: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface signalling layer 3 General aspects".

3 Definitions

For the purposes of the present document, the terms defined in 3GPP TR 21.905 apply: