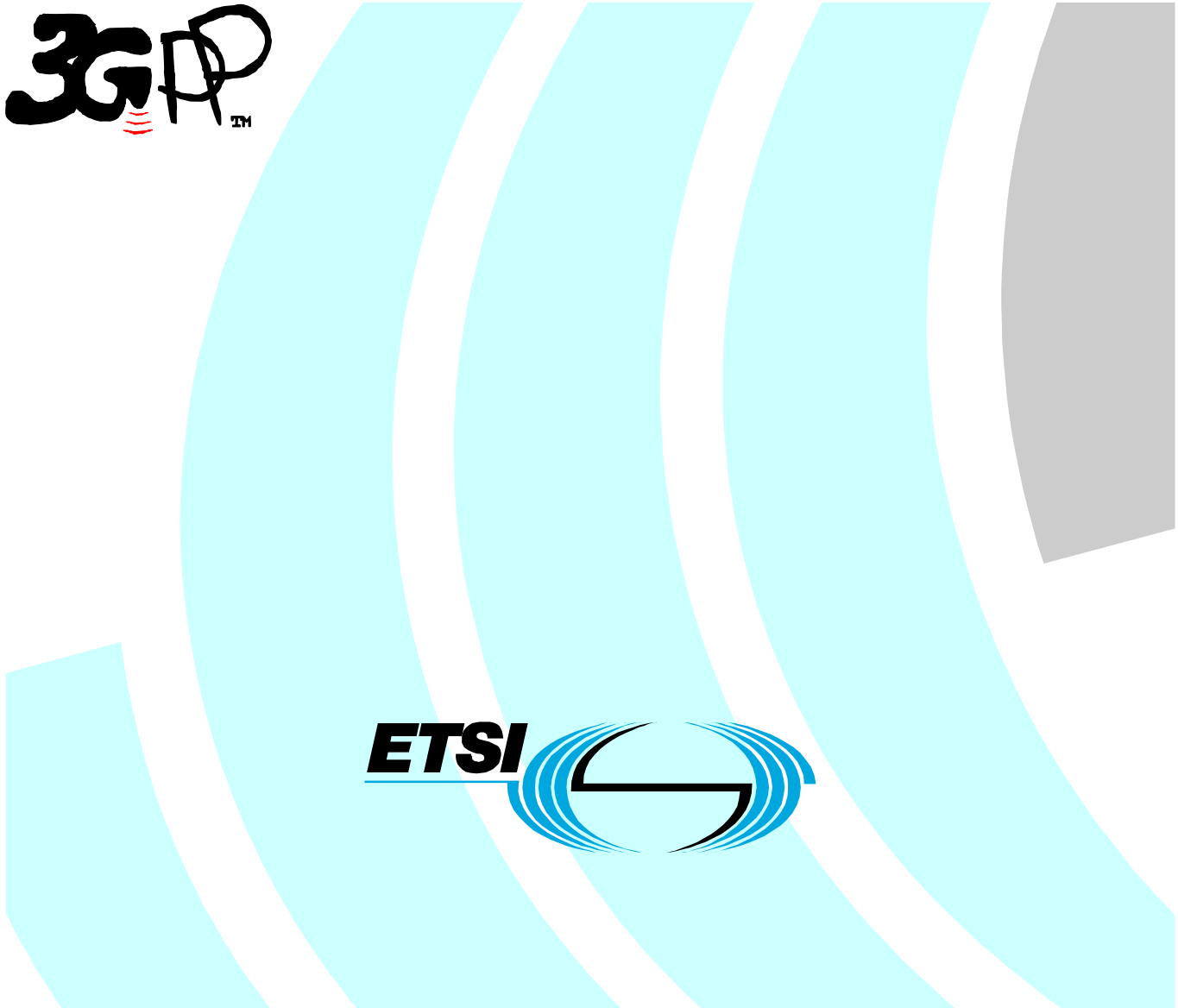
ETSI TR 125 925 V3.5.0 (2004-12)

Technical Report

Universal Mobile Telecommunications System (UMTS);
Radio Interface for Broadcast/Multicast Services
(3GPP TR 25.925 version 3.5.0 Release 1999)



Reference
RTR/TSGR-0225925v350

Keywords
UMTS

ETSI

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Contents

Foreword

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1 Scope

The present document shall provide a general overview on radio interface related aspects of broadcast/multicast services. This report covers stage 2 and stage 3 aspects of the radio interface.

This report is organised as follows: clause 4 gives an overview on the broadcast/multicast services and their requirements. Clause 5 provides a common model and describes aspects common to all point-to-multipoint services. Clause 6 is devoted to the Cell Broadcast Service describing the impacts on the interface functions and the protocol aspects. The present document covers only those items, which are in the scope of 3GPP TSG RAN WG 2. Information from Technical Specifications or other documents are provided when it is necessary to understand the requirements described.

Table 1.1: Schedule of the broadcast/multicast services onto the UMTS phases and annual releases

Release	Broadcast/multicast service
1999	Cell Broadcast Service CBS (GSM) Cell Broadcast Service (ANSI-41)

NOTE: A decision to map the services to releases is required for all other broadcast/multicast services.

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] 3GPP TS 22.100: "UMTS Phase 1".

[2] 3GPP TS 22.101: "UMTS Service Principle".

[3] 3GPP TS 22.105: "Services and Service Capabilities".

[4] 3GPP TS 25.301: "Radio Interface Protocol Architecture".

[5] 3GPP TS 25.302: "Services provided by the Physical Layer".

[6] 3GPP TS 25.303: "UE Functions and Interlayer Procedures in Connected Mode".

[7] 3GPP TS 25.304: "UE Procedures in Idle Mode".

[8] 3GPP TS 25.321: "MAC Protocol Specification".

[9] 3GPP TS 25.322: "RLC Protocol Specification".

[10] 3GPP TS 25.331: "RRC Protocol Specification".

[11] 3GPP TS 22.003: "Digital cellular telecommunications system (Phase 2+); Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)".

[12] 3GPP TS 23.060: "General GPRS Service description; Stage 2".

[13] 3GPP TS 23.041: "Technical realization of Cell Broadcast Service (CBS)".