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Foreword

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1 Scope

The present document defines the physical channels of the radio sub-system required to support the logical channels. For the Flexible Layer One, it defines the physical channels of the radio sub-system required to support the transport channels. It includes a description of the logical channels, transport channels and the definition of frequency hopping, TDMA frames, timeslots and bursts.

1.1 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 TS 23.003: "Numbering, addressing and identification".

[3] 3GPP TS 23.034: “High Speed Circuit Switched Data (HSCSD) – Stage 2”.

[4] 3GPP TS 43.052: "GSM Cordless Telephony System (CTS), Phase 1; Lower layers of the CTS Radio Interface; Stage 2".

[5] 3GPP TS 43.059: “Functional stage 2 description of Location Services (LCS) in GERAN”.

[6] 3GPP TS 43.064: "General Packet Radio Service (GPRS); Overall description of the GPRS Radio Interface; Stage 2".

[7] 3GPP TS 43.246: "Multimedia Broadcast Multicast Service (MBMS) in the GERAN; Stage 2".

[8] 3GPP TS 44.003: "Mobile Station - Base Station System (MS - BSS) interface Channel structures and access capabilities".

[9] 3GPP TS 44.006: "Mobile Station - Base Station System (MS - BSS) interface Data Link (DL) layer specification".

[10] 3GPP TS 44.018: "Mobile radio interface layer 3 specification, Radio Resource Control Protocol".

[11] 3GPP TS 44.060: "General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS interface; Radio Link Control (RLC) and Medium Access Control (MAC) Layer Specification".

[12] 3GPP TS 44.056: "GSM Cordless Telephony System (CTS), Phase 1; CTS radio interface layer 3 specification".

[13] 3GPP TS 45.003: "Channel coding".

[14] 3GPP TS 45.004: "Modulation".

[15] 3GPP TS 45.005: "Radio transmission and reception".

[16] 3GPP TS 45.008: "Radio subsystem link control".

[17] 3GPP TS 45.010: "Radio subsystem synchronization".

[18] 3GPP TS 45.056: "GSM Cordless Telephony System (CTS), Phase 1; CTS-FP radio subsystem".