



**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Mobile radio interface layer 3
supplementary services specification;
Formats and coding
(3GPP TS 24.080 version 13.0.0 Release 13)**



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Foreword

This Technical Specification (TS) has been produced by the 3rd Generation Partnership Project (3GPP).

The present document defines the coding of information necessary for support of supplementary service operation on the mobile radio interface layer 3 within the 3GPP system.¹

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1 Scope

The present document contains the coding of information necessary for support of supplementary service operation on the mobile radio interface layer 3.

Clause 2 gives the functional definitions and contents of messages for call independent supplementary service operations. Messages necessary for support of call related supplementary service operations are defined in TS 24.008.

Clause 3 gives the general format and coding for messages used for call independent supplementary service and the format and coding of information elements used for both call related and call independent supplementary service operations.

Clause 4 gives the specification of the call related and call independent supplementary service operations.

1.1 References

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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: "3G Vocabulary".
- [2] 3GPP TS 22.024: "Description of Charge Advice Information (CAI)".
- [3] 3GPP TS 44.006: "Mobile Station - Base Station System (MS - BSS) interface Data Link (DL) layer specification".
- [4] 3GPP TS 24.007: "Mobile radio interface signalling layer 3; General aspects".
- [5] 3GPP TS 24.008: "Mobile radio interface layer 3 specification".
- [6] 3GPP TS 24.010: "Mobile radio interface layer 3; Supplementary services specification; General aspects".
- [7] 3GPP TS 24.080: "Mobile radio interface layer 3 supplementary services specification; Formats and coding".
- [8] 3GPP TS 24.090: "Unstructured supplementary services operation - Stage 3".
- [9] 3GPP TS 29.002: "Mobile Application Part (MAP) specification".
- [10] 3GPPTS 29.011: "Signalling interworking for supplementary services".
- [11] ITU-T Recommendation X.680: "Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation".
- [11b] ITU-T Recommendation X.681: "Information technology – Abstract Syntax Notation One (ASN.1): Information object specification".
- [12] ITU-T Recommendation X.690: "Information technology – ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)".
- [13] ITU-T Recommendation X.880: "Data networks and open system communication - Open System Interconnection - Service definitions - Remote operations: Concepts, model and notation".