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**Digital cellular telecommunications system (Phase 2+);  
Location Services (LCS);  
Serving Mobile Location Centre -  
Base Station System (SMLC-BSS) interface;  
Layer 3 specification  
(3GPP TS 48.071 version 13.0.0 Release 13)**



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# 1 Scope

The present document contains the coding of information necessary for support of location service operation on the SMLC-BSS interface layer 3.

Clause 2 gives the functional definitions and contents of messages for location service operations. Clause 3 gives the general format and coding for messages used for location service and the format and coding of information elements used for location service operations.

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# 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 TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 43.059: "Functional stage 2 description of Location Services (LCS) in GERAN".
- [3] 3GPP TS 24.007: "Mobile radio interface signalling layer 3; General aspects".
- [4] 3GPP TS 44.018: "Mobile radio interface layer 3 specification; Radio Resource Control Protocol".
- [4a] 3GPP TS 24.008: "Mobile radio interface layer 3 specification; Core network protocols; Stage 3".
- [5] 3GPP TS 45.008: "Radio subsystem link control".
- [6] 3GPP TS 48.008: "Mobile Switching Centre - Base Station System (MSC-BSS) interface; Layer 3 specification".
- [7] 3GPP TS 49.031: "Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)".
- [8] 3GPP TS 44.031: "Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)".

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# 3 Definitions and abbreviations

For the purposes of the present document, the abbreviations, terms and definitions given in 3GPP TR 21.905 and 3GPP TS 43.059 apply.