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Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Mobile-services Switching Centre -
Base Station system (MSC-BSS) interface;
Layer 3 specification
(3GPP TS 08.08 version 8.15.0 Release 1999)**

GSM®
GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS



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650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
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Foreword

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1 Scope

The present document specifies the layer 3 procedures used on the Base Station System (BSS) to Mobile-services Switching Centre (MSC) interface for control of GSM services.

For the purposes of call control and mobility management, messages are not interpreted at the Base Station System (BSS) which acts as a relay function. These messages and procedures are documented in 3GPP TS 04.08, the only relevant issues covering these messages in the present document are those concerned with error conditions at the interface, and the headers that are required for the correct addressing of the messages. This is specified in more detail in 3GPP TS 08.06.

The functional split between MSC and BSS is defined in 3GPP TS 08.02 and states that the BSS is responsible for local radio resource allocation and in order to support this the required procedures between BSS and MSC are defined in detail in the present document.

3GPP TS 08.02 also states that the BSS is responsible for the scheduling of all CCCH/BCCH messages and therefore some procedures for providing the BSS with the necessary information to be passed on these channels for individual calls (i.e. paging) are defined in the present document, but the scheduling is not discussed.

This interface and consequently these layer 3 procedures are designed to support BSSs providing one or more cells.

1.1 References

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- 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.
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- [1] 3GPP TS 01.04: "Abbreviations and acronyms".
- [2] 3GPP TS 03.03: "Numbering, addressing and identification".
- [3] 3GPP TS 03.09: "Handover procedures".
- [3a] 3GPP TS 03.32: "Universal Geographical Area Description (GAD)".
- [4] (void)
- [5] 3GPP TS 03.71 : "Location Services (LCS); Functional Description – Stage 2"
- [6] 3GPP TS 04.08: "Mobile radio interface layer 3 specification".
- [7] 3GPP TS 04.21: "Rate adaption on the Mobile Station - Base Station System (MS - BSS) interface".
- [8] (void)
- [9] 3GPP TS 05.02: "Multiplexing and multiple access on the radio path".
- [10] (void)
- [11] (void)
- [12] (void)
- [13] 3GPP TS 05.08: "Radio subsystem link control".