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Universal Mobile Telecommunications System (UMTS);
UTRAN Iu-BC interface:
Service Area Broadcast Protocol (SABP)
(3GPP TS 25.419 version 13.0.0 Release 13)

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Contents

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1 Scope

The present document specifies the *Service Area Broadcast Protocol (SABP)* between the Cell Broadcast Centre (CBC) and the Radio Network Controller (RNC). It fulfils the CBC - RNC communication requirements specified in TS 23.041 [5] and is defined over the Iu-BC – reference point.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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[1] Void

[2] Void

[3] Void

[4] 3GPP TR 25.931: "UTRAN Functions: Examples on Signalling Procedures".

[5] 3GPP TS 23.041: "Technical realization of Cell Broadcast Service (CBS)".

[6] 3GPP TS 25.414: "UTRAN Iu Interface Data Transport and Transport Signalling".

[7] ITU-T Recommendation X.680 (2002-07): "Information Technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation".

[8] ITU-T Recommendation X.681 (2002-07): "Information Technology - Abstract Syntax Notation One (ASN.1): Information object specification".

[9] ITU-T Recommendation X.691 (2002-07): "Information Technology - ASN.1 encoding rules - Specification of Packed Encoding Rules (PER)".

[10] 3GPP TR 25.921 (Version 7.0.0): "Guidelines and Principles for Protocol Description and Error Handling".

[11] 3GPP TS 25.324: "Broadcast/Multicast Control BMC".

[12] 3GPP TS 23.003: "Numbering, addressing and identification".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

Elementary Procedure: SABP consists of Elementary Procedures (EPs). An Elementary Procedure is a unit of interaction between the CN (CBC) and the RNC. These EPs are defined separately and are intended to be used to build up complete sequences in a flexible manner. If the independence between some EPs is restricted, it is described under the relevant EP description. Unless otherwise stated by the restrictions, the EPs may be invoked independently of each