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Universal Mobile Telecommunications System (UMTS);
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Positioning Calculation Application Part (PCAP) signalling
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Contents

Foreword

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1 Scope

The present document specifies the *Positioning Calculation Application Part (PCAP)* between the Radio Network Controller (RNC) and the Stand-Alone SMLC (SAS). It fulfills the RNC-SAS communication requirements specified in TS 25.305 [6] and thus defines the Iupc interface and its associated signaling procedures.

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] 3GPP TS 25.452: "UTRAN Iupc interface signalling transport".

[4] 3GPP TS 25.331: "Radio Resource Control (RRC) Protocol Specification".

[5] Void

[6] 3GPP TS 25.305: "Stage 2 functional specification of UE positioning in UTRAN".

[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] ICD-GPS-200: (12 April 2000) "Navstar GPS Space Segment/Navigation User Interface".

[11] 3GPP TS 23.032: "Universal Geographical Area Description (GAD)".

[12] 3GPP TR 25.921 (version 7.0.0): "Guidelines and principles for protocol description and error handling".

[13] 3GPP TS 25.133: "Requirements for support of Radio Resource management (FDD)".

[14] 3GPP TS 25.123: "Requirements for support of Radio Resource management (TDD)".

[15] 3GPP TS 22.071: "Location Services (LCS); Service Description; Stage1".

[16] 3GPP TS 25.212: "Multiplexing and Channel Coding (FDD)".

[17] 3GPP TS 25.213: "Spreading and Modulation (FDD)".

[18] 3GPP TS 25.223: "Spreading and Modulation (TDD)".

[19] 3GPP TS 25.221: "Physical channels and mapping of transport channels onto physical channels (TDD)".

[20] 3GPP TS 25.101: "User Equipment (UE) radio transmission and reception (FDD)".