

SS7 CAF Statement of Compliance Overview

STATEMENT OF COMPLIANCE

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1 Introduction

This document provides general information about compliances with standards for the SS7 CAF.





2 Statement of Compliance Definitions

One of the following statements is given to each standard specification:

- **Compliant** – The functionality that is provided has been implemented in accordance with relevant and mandatory requirements in the specification. Possible limitations in the functionality are summarized.
- **Partially Compliant** – Part of the functionality that is provided has either been implemented in a way that is deviating from relevant and mandatory requirements in the specification or there are functionality that have not been implemented.
- **Not Compliant** – The functionality that is provided has been implemented in a way that is deviating from relevant and mandatory requirements in the specification.





3 Standards

This section describes the standards with which the SS7 CAF is compliant.

3.1 ANSI

The compliance for each specification is described in Table 1.

Table 1 ANSI Specifications

| Specification/Version | Title | Compliance | Comment |
|----------------------------|---|------------------|--------------------------------------|
| ANSI T1.113, 1995 | Signalling System No. 7 (SS7) - Integrated Services Digital Network (ISDN) User Part | Partly Compliant | ISUP, see Reference [2] for details. |
| ANSI T1.115, 1990 | Signalling System No. 7 (SS7) - Monitoring and Measurements for Networks | Partly Compliant | ISUP, see Reference [2] for details. |
| ANSI-41.2-D, December 1997 | Cellular Radiotel ecommunications Intersystem Operations: Intersystem Handoff Information Flows | Partly Compliant | MAP, see Reference [8] for details. |
| ANSI-41.3-D, December 1997 | Cellular Radiotel ecommunications Intersystem Operations: Automatic Roaming Informations Flow | Partly Compliant | MAP, see Reference [8] for details. |
| ANSI-41.4-D, December 1997 | Cellular Radiotel ecommunications Intersystem Operations: OA & M Information Flows and Procedures | Partly Compliant | MAP, see Reference [8] for details. |
| ANSI-41.5-D, December 1997 | Cellular Radiotel ecommunications Intersystem Operations: Signaling Protocols | Partly Compliant | MAP, see Reference [8] for details. |

Table 1 ANSI Specifications

| Specification/Version | Title | Compliance | Comment |
|--|---|-------------------|--|
| ANSI-41.6-D, December 1997 | Cellular Radiotel ecommunications Intersystem Operations: Signaling Procedures | Compliant | MAP, see Reference [8] for details. |
| TR-45, IS-751 (PN- 3892), Publication version(7), February 1998 | TIA/EIA-41-D Modifications to support IMSI | Partly Compliant | MAP, see Reference [8] for details. |
| TR-45, IS-725-A (PN-4173), March 1999 | TIA/EIA-41-D Enhancements for Over-The-Air Service Provisioning (OTASP) & Param eter Administration (OTAPA) | Partly Compliant | MAP, see Reference [8] for details. |
| TR-45, J-STD-036, July 2000 | Enhanced Wireless 9-1-1 Phase 2 | Partly Compliant | MAP, see Reference [8] for details. |
| TR-45, IS-730, July 1997 | IS-136 (DCCH) Support in IS-41 | Partly Compliant | MAP, see Reference [8] for details. |
| TR-45, IS-764 (PN-4103), June 1998 | Wireless Name Feature Description | Partly Compliant | MAP, see Reference [8] for details. |
| TR-45, IS-771 (PN-3661), December 1998 | WIN TIA/EIA-41-C Modifications | Partly Compliant | MAP, see Reference [8] for details. |
| TR-45, IS-826 (PN-4287), Pre-Published, May 2000 | Wireless Intelligent Network Capabilities for Pre-Paid Charging (WIN Phase 2 part 1) | Partly Compliant | MAP, see Reference [8] for details. |
| TR45.2, IS-841, September 2000 | Enhancements for MDN based Message Centres | Partly Compliant | MAP, see Reference [8] for details. |
| ANSI T1.112, 1996 | Specification of signaling System No. 7 (SS7) - Functional Description of the signaling System - signaling Connection Control Part (SCCP) | Partly Compliant | SCCP, see Reference [16] for details. |



Table 1 ANSI Specifications

| Specification/Version | Title | Compliance | Comment |
|------------------------------|--|-------------------|--|
| ANSI T1.116, 1996 | Monitoring and Measurements for signaling System Number 7 Networks | Partly Compliant | SCCP, see Reference [16] for details. |
| ANSI T1.111, 1996 | Specification of Signaling System No. 7 (SS7) - Message Transfer Part (MTP) | Partly Compliant | MTPL3, see Reference [21] for details. |
| ANSI T1.115, 1990 | Specification of Signaling System No. 7 (SS7) - Monitoring and Measurements for Networks | Partly Compliant | MTPL3, see Reference [21] for details. |
| ANSI T1.111, 2001 | Specification of Signaling System No. 7 (SS7) - Message Transfer Part (MTP) | Partly Compliant | MTPL3, see Reference [22] for details. |
| ANSI T1.114, 2000 | Signaling System No. 7 (SS7) - Transaction Capabilities Application Part (TCAP) | Partly Compliant | TCAP, see Reference [28] for details. |
| ANSI T1.115, 1990 | Signaling System No. 7 (SS7) - Monitoring and Measurement for Networks | Partly Compliant | TCAP, see Reference [28] for details. |

3.2 ITU-T

The compliance for each specification is described in Table 2.

Table 2 ITU-T Specifications

| Specification | Title | Compliance | Comment |
|----------------------|--|-------------------|--------------------------------------|
| Q.761, 1999 | Functional Description of the Integrated Services Digital Network (ISDN) User Part of Signaling System No. 7 (SS7) | Partly Compliant | ISUP, see Reference [3] for details. |

Table 2 ITU-T Specifications

| Specification | Title | Compliance | Comment |
|---------------------------|--|-------------------|---------------------------------------|
| Q.762, 1999 | Integrated Services Digital Network (ISDN) User Part of Signaling System No. 7 (SS7). General Function of Messages and Signals | Partly Compliant | ISUP, see Reference [3] for details. |
| Q.763, 1999 | Integrated Services Digital Network (ISDN) User Part of Signaling System No. 7 (SS7). Formats and Codes | Partly Compliant | ISUP, see Reference [3] for details. |
| Q.764, 1999 | Integrated Services Digital Network (ISDN) User Part of Signaling System No. 7 (SS7). Signaling Procedures | Partly Compliant | ISUP, see Reference [3] for details. |
| Q.730, 1999 | ISDN Supplementary Services | Partly Compliant | ISUP, see Reference [3] for details. |
| Q.752, 1999 | Monitoring and Measurements for Signaling System No 7 Networks | Partly Compliant | ISUP, see Reference [3] for details. |
| Q.1228 Fascile 1/5, 09/97 | Interface Recommendation for Intelligent Network Capability Set 2: Part 1 | Partly Compliant | INAP, see Reference [13] for details. |
| Q.711, 07/96 | Functional description of the signaling Connection Control Part. | Partly Compliant | SCCP, see Reference [17] for details. |
| Q.712, 07/96 | Definition and Function of signaling connection control part messages | Partly Compliant | SCCP, see Reference [17] for details. |
| Q.713, 07/96 | Signaling Connection Control Part format and codes | Partly Compliant | SCCP, see Reference [17] for details. |



Table 2 ITU-T Specifications

| Specification | Title | Compliance | Comment |
|----------------------|--|-------------------|--|
| Q.714, 07/96 | Signaling connection control part procedures | Partly Compliant | SCCP, see Reference [17] for details. |
| Q.752, 06/97 | Monitoring and measurements for signaling System No. 7 networks | Partly Compliant | SCCP, see Reference [17] for details. |
| Q.701, 03/93 | Functional Description of the Message Transfer Part (MT) of Signaling System No. 7 | Partly Compliant | MTPL3, see Reference [23] for details. |
| Q.704, 07/96 | Signaling System No. 7 - Signaling Network Functions and Messages | Partly Compliant | MTPL3, see Reference [23] for details. |
| Q.705, 03/93 | Signaling System No. 7 - Signaling Network Structure | Partly Compliant | MTPL3, see Reference [23] for details. |
| Q.707, 11/88 | Testing and Maintenance | Compliant | MTPL3, see Reference [23] for details. |
| Q.752, 06/97 | Monitoring and Measurements for SS7 Networks | Partly Compliant | MTPL3, see Reference [23] for details. |
| Q.2210, 07/96 | MTP level 3 functions and messages using the services of ITU-T recommendation Q.2140 | Partly Compliant | MTPL3, see Reference [23] for details. |
| Q.752, 06/97 | Monitoring and Measurements for Signaling System No.7 Networks | Partly Compliant | TCAP, see Reference [29] for details. |
| Q.771, 06/97 | Signaling System No.7 - Function Description of Transaction Capabilities | Partly Compliant | TCAP, see Reference [29] for details. |

Table 2 ITU-T Specifications

| Specification | Title | Compliance | Comment |
|----------------------|--|-------------------|---------------------------------------|
| Q.772, 06/97 | Signaling System No.7 - Transaction Capabilities Information Element Definitions | Compliant | TCAP, see Reference [29] for details. |
| Q.773, 06/97 | Signaling System No.7 - Transaction Capabilities Formats and Encoding | Partly Compliant | TCAP, see Reference [29] for details. |
| Q.774, 06/97 | Signaling System No.7 - Transaction Capabilities Procedures | Partly Compliant | TCAP, see Reference [29] for details. |
| Q.775, 06/97 | Signaling System No.7 - Guidelines for Using Transaction Capabilities | Partly Compliant | TCAP, see Reference [29] for details. |

3.3 TTC

The compliance for each specification is described in Table 3.

Table 3 TTC Specifications

| Specification | Title | Compliance | Comment |
|----------------------|---|-------------------|--------------------------------------|
| JT-Q.761,1997 | Functional Description of the Integrated Services Digital Network (ISDN) User Part of Signalling System No. 7 | Partly Compliant | ISUP, see Reference [4] for details. |
| JT-Q.762, 1997 | Integrated Services Digital Network (ISDN) User Part of Signalling System No. 7 (SS7). General Function of Messages and Signals | Partly Compliant | ISUP, see Reference [4] for details. |



Table 3 TTC Specifications

| Specification | Title | Compliance | Comment |
|-------------------------------------|--|-------------------|--|
| JT-Q.763, 1997 | Integrated Services Digital Network (ISDN) User Part of Signalling System No. 7 (SS7). Formats and Codes | Partly Compliant | ISUP, see Reference [4] for details. |
| JT-Q.764, 1997 | Integrated Services Digital Network (ISDN) User Part of Signalling System No. 7 (SS7). Signalling Procedures | Partly Compliant | ISUP, see Reference [4] for details. |
| JT-Q.711, version 2, April 23, 1997 | Functional Description of SCCP | Partly Compliant | SCCP, see Reference [18] for details. |
| JT-Q.712, version 3, April 23, 1997 | Definition and Function of SCCP Messages | Partly Compliant | SCCP, see Reference [18] for details. |
| JT-Q.713, version 8, April 20, 2000 | SCCP Formats and Codes | Partly Compliant | SCCP, see Reference [18] for details. |
| JT-Q.714, version 3, April 23, 1997 | SCCP Procedures | Partly Compliant | SCCP, see Reference [18] for details. |
| JT-Q.701, Version 2, Nov. 28, 1990 | Message Transfer Part, Functional Description of the Signalling System | Partly Compliant | MTPL3, see Reference [24] for details. |
| JT-Q704, Version 4, May 30, 2002 | Message Transfer Part (MTP), Signaling Network Functions | Partly Compliant | MTPL3, see Reference [24] for details. |
| JT-Q707, Version 2, Nov. 28, 1990 | Message Transfer Part, Testing and Maintenance | Compliant | MTPL3, see Reference [24] for details. |
| JT-Q2210, Version 1, Apr. 24, 1996 | Message Transfer Part Level 3 Functions and Messages Using the Services of TTC Standard JT-Q2140 | Partly Compliant | MTPL3, see Reference [24] for details. |
| JT-Q771, 1997 | Function Description of Transaction Capabilities | Compliant | TCAP, see Reference [30] for details. |

Table 3 TTC Specifications

| Specification | Title | Compliance | Comment |
|----------------------|--|-------------------|---------------------------------------|
| JT-Q772, 1997 | Transaction Capabilities Information Element Definitions | Compliant | TCAP, see Reference [30] for details. |
| JT-Q773, 1997 | Transaction Capabilities Formats and Encoding | Partly Compliant | TCAP, see Reference [30] for details. |
| JT-Q774, 1997 | Transaction Capabilities Procedures | Compliant | TCAP, see Reference [30] for details. |

3.4 ETSI

The compliance for each specification is described in Page 12.

Table 4 ETSI Specifications

| Specification | Title | Compliance | Comment |
|--|--|-------------------|---------------------------------------|
| ETS 300 356, 2001 | Integrated Services Digital Network (ISDN); Signalling System No. 7; ISDN User Part (ISUP) for the international interface | Partly Compliant | ISUP, see Reference [5] for details. |
| ETS 300 374-1, September 1994 | Intelligent Network Capability Set 1 (CS1), Core Intelligent Network Application Protocol (INAP) Part 1: Protocol Specification | Partly Compliant | INAP, see Reference [13] for details. |
| GSM (TS 101 046) 09.78, 7.1.0 Release 1998 | Digital Cellular Telecommunications System (Phase 2+); Customised Applications for Mobile Network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) Specification | Partly Compliant | INAP, see Reference [13] for details. |



Table 4 ETSI Specifications

| Specification | Title | Compliance | Comment |
|-----------------------------------|---|-------------------|--|
| GSM 09.02, Version 5.3.0 | Mobile Application Part (MAP) Specification | Partly Compliant | MAP, see Reference [11] for details. |
| GSM 09.02, Version 3.11.0 | Mobile Application Part (MAP) Specification | Partly Compliant | MAP, see Reference [11] for details. |
| EN 300 009-1, v1.4.3, 2001-02 | Signaling System No.7 SCCP (connectionless and connection-orientated) to support international interconnection Part 1: Protocol specification | Partly Compliant | SCCP, see Reference [19] for details. |
| ETS 300 008-1 V1.3.2, June 2003 | ISDN SS7 MTP to support international interconnection | Partly Compliant | MTPL3, see Reference [25] for details. |
| EN 301 004-1 V1.1.3, 1998-02 | B-ISDN SS7 MTP-L3 to support international interconnection | Compliant | MTPL3, see Reference [25] for details. |
| ETSI ETS 300 287-1, November 1996 | Integrated Services Digital Network (ISDN); Signaling System No. 7; Transaction Capabilities (TC) version 2; Part 1: Protocol Specification | Compliant | TCAP, see Reference [31] for details. |

3.5 3GPP

The compliance for each specification is described in Page 13.

Table 5 3GPP Specifications

| Specification | Title | Compliance | Comment |
|--------------------------|--|-------------------|--|
| TS 49.031 V9.0.0/V10.0.0 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | Partly Compliant | BSSAP, see Reference [15] for details. |

Table 5 3GPP Specifications

| Specification | Title | Compliance | Comment |
|-----------------------------|---|-------------------|--|
| TS 48.071 V9.3.0/V10.3.0 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification | Compliant | BSSAP, see Reference [15] for details. |
| 3GPP TS 29.078 V4.8.0 | Customised Applications for Mobile Network Enhanced Logic (CAMEL) Phase 3; CAMEL Application Part (CAP) Specification | Partly Compliant | INAP, see Reference [13] for details. |
| 3GPP TS 29.078 V7.4.0 | Digital Cellular Telecommunications System (Phase 2+); Universal Mobile Telecommunications System (UMTS); Customized Applications for Mobile Network Enhanced Logic (CAMEL) Phase X; CAMEL Application Part (CAP) Specification | Partly Compliant | INAP, see Reference [13] for details. |
| 3GPP TS 29.078 V9.2.0 | Digital Cellular Telecommunications System (Phase 2+); Universal Mobile Telecommunications System (UMTS); Customized Applications for Mobile Network Enhanced Logic (CAMEL) Phase X; CAMEL Application Part (CAP) Specification | Partly Compliant | INAP, see Reference [13] for details. |



Table 5 3GPP Specifications

| Specification | Title | Compliance | Comment |
|------------------------|---|-------------------|--------------------------------------|
| 3GPP TS 29.002 V9.3.0 | Mobile Application Part (MAP) specification | Partly Compliant | MAP, see Reference [11] for details. |
| 3GPP TS 29.002 V10.8.0 | Mobile Application Part (MAP) specification | Partly Compliant | MAP, see Reference [11] for details. |
| 3GPP TS 29.002 V12.4.0 | Mobile Application Part (MAP) specification | Partly Compliant | MAP, see Reference [11] for details. |

3.6 IETF

The compliance for each specification is described in Page 15.

Table 6 IETF Specifications

| Specification | Title | Compliance | Comment |
|--------------------------|--|-------------------|--|
| RFC 4666, September 2006 | Signaling System 7 (SS7) Message Transfer Part 3 (MTP3) - User Adaptation Layer (M3UA) | Partly Compliant | MTPL3, see Reference [27] for details. |
| RFC 4960, September 2007 | Stream Control Transmission Protocol | Partly Compliant | SCTP, see Reference [33] for details. |
| RFC 1191, November 1990 | Path MTU Discovery | Partly Compliant | SCTP, see Reference [34] for details. |
| RFC 1981, August 1996 | Path MTU Discovery for IP version 6 | Partly Compliant | SCTP, see Reference [34] for details. |
| RFC 4820, March 2007 | Pudding Chunk and Parameter for the Stream Control Transmission Protocol (SCTP) | Partly Compliant | SCTP, see Reference [34] for details. |

Table 6 IETF Specifications

| Specification | Title | Compliance | Comment |
|--------------------------|--|------------------|---------------------------------------|
| RFC 4821, March 2007. | Packetization Layer Path MTU Discovery | Partly Compliant | SCTP, see Reference [34] for details. |
| RFC 5062, September 2007 | Security Attacks Found Against the Stream Control Transmission Protocol (SCTP) and Current Countermeasures | Partly Compliant | SCTP, see Reference [35] for details. |

3.7 Ministry of Posts and Telecommunication P.R.C.

The compliance for each specification is described in Page 16.

Table 7 Chinese Specifications

| Specification | Title | Compliance | Comment |
|---------------------------|---|------------------|--|
| CHINESE, 1996.1 | Technical Specification of ISUP | Partly Compliant | ISUP, see Reference [6] for details. |
| CHINESE, 1994.10 | Technical Specification of SCCP | Partly Compliant | SCCP, see Reference [20] for details. |
| GF 001 9001, August 1990 | Technical Specifications of SS7 for the National Telephone Network of China | Partly Compliant | MTPL3, see Reference [26] for details. |
| GF 001-9001, October 1991 | Supplement 1 to Specification GF 001-9001 | Partly Compliant | MTPL3, see Reference [26] for details. |
| GF 001-9001, October 1991 | Supplement 2 to Specification GF 001-9001 | Compliant | MTPL3, see Reference [26] for details. |
| GF 001-9001, October 1991 | Supplement 3 to Specification GF 001-9001 | Compliant | MTPL3, see Reference [26] for details. |
| CHINESE, 1994.10 | Technical Specification of TCAP | Partly Compliant | TCAP, see Reference [32] for details. |

3.8 3GPP2

The compliance for each specification is described in Page 17.



Table 8 3GPP2 Specifications

| Specification | Title | Compliance | Comment |
|--|--|-------------------|-------------------------------------|
| X.S0004-540-E, July, 2007, version 2.0 | MOBILE APPLICATION PART (MAP) - Operation Signaling Protocols | Partly Compliant | MAP, see Reference [8] for details. |
| X.S0004-550-E, January 2010, version 4.0 | MOBILE APPLICATION PART (MAP) - Parameters Signaling Protocols | Partly Compliant | MAP, see Reference [8] for details. |

3.9 TIA

The compliance for each specification is described in Page 17.

Table 9 TIA Specifications

| Specification | Title | Compliance | Comment |
|------------------------------|--|-------------------|--|
| J-STD-036-AD-2, March 2002 | Enhanced Wireless 9-1-1 Phase 2 | Partly Compliant | MAP ANSI EXT API, see Reference [9] for details. |
| TIA/EIA IS-848, October 2000 | Wireless Intelligent Network Capabilities for Enhanced Charging Services, Chapter 5, Modifications to TIA/EIA-41.5-D | Partly Compliant | MAP ANSI EXT API, see Reference [9] for details. |

3.10 UK

The compliance for each specification is described in Page 17.

Table 10 UK Specifications

| Specification | Title | Compliance | Comment |
|--|-----------------------|-------------------|--------------------------------------|
| UK Standard rec. ND1007:2007/01 TSG/SPEC/007 | ISDN User Part (ISUP) | Partly Compliant | ISUP, see Reference [7] for details. |

3.11 TELCORDIA

The compliance for each specification is described in Page 18.

Table 11 TELCORDIA Specifications

| Specification | Title | Compliance | Comment |
|---------------------------------------|---|-------------------|-------------------------------------|
| GR-1299-CORE, Issue 10, November 2004 | AINGR: Switch - Service Control Point (SCP)/Adjunct Interface | Partly Compliant | AIN, see Reference [1] for details. |

3.12 TDMA Forum

The compliance for each specification is described in Page 18.

Table 12 TDMA Specifications

| Specification | Title | Compliance | Comment |
|--|---|-------------------|-------------------------------------|
| TDMA forum, December 24, 1996, version 1.1 | Interim Over-the-Air-Activation specification | Partly Compliant | MAP, see Reference [8] for details. |

3.13 Ericsson Proprietary Extensions

The compliance for each specification is described in Page 18.

Table 13 Ericsson Specifications

| Specification | Title | Compliance | Comment |
|----------------------|--|-------------------|--|
| Proprietary, rev. A | Technical Report, Mobile Positioning, Stage 3 Description for the ANSI 41 messages | Partly Compliant | MAP ANSI Proprietary Operations, see Reference [10] for details. |
| Proprietary, rev. A | IS-41 Interface with Prepaid Administration System (PPAS) | Partly Compliant | MAP ANSI Proprietary Extensions, see Reference [10] for details. |
| Proprietary, rev. B | Protocol Specification for Enhanced IMEI Check in MSC/VLR | Partly Compliant | MAP ETSI Ericsson Specific Standard, see Reference [12] for details. |
| Proprietary, rev. A | Protocol Specification for Redundancy in HLR | Compliant | MAP ETSI Ericsson Specific Standard, see Reference [12] for details. |



Table 13 Ericsson Specifications

| Specification | Title | Compliance | Comment |
|----------------------|---|-------------------|---|
| Proprietary, rev. B | Ericsson INAP CS1+, Operation and Parameter Descriptions, Detailed Operation Procedures | Partly Compliant | INAP Addendum for CS1+, see Reference [14] for details. |
| Proprietary, rev. B | Ericsson INAP CS1+, Abstract Syntax | Partly Compliant | INAP Addendum for CS1+, see Reference [14] for details. |
| Proprietary, rev. A | Ericsson INAP CS1+, Services Assumed from TCAP | Partly Compliant | INAP Addendum for CS1+, see Reference [14] for details. |





Reference List

- [1] *AIN Message Library, State of Compliance*, 174 02-CAA 901 1811 Uen
- [2] *ISUP ANSI, State of Compliance*, 6/174 02-CAA 201 80 Uen
- [3] *ISUP ITU, State of Compliance*, 5/174 02-CAA 201 80 Uen
- [4] *ISUP TTC, State of Compliance*, 3/174 02-CAA 201 80 Uen
- [5] *ISUP ITU, ETSI 2001, State of Compliance*, 8/174 02-CAA 201 80 Uen
- [6] *ISUP ITU, CHINESE 1996, State of Compliance*, 9/174 02-CAA 201 80 Uen
- [7] *ISUP UK, State of Compliance*, 10/174 02-CAA 201 80 Uen
- [8] *ANSI-41 MAP ANSI 12/97, State of Compliance*, 174 02-CAA 20116 Uen
- [9] *ANSI-41 MAP Extension API, State of Compliance*, 174 02-CAA 901 904 Uen
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- [11] *MAP ETSI, State of Compliance*, 174 02-CAA 201 45 Uen
- [12] *Addendum for Ericsson Specific Standard to Statement of Compliance*, 1/174 02-CAA 201 45 Uen
- [13] *INAP ETSI, State of Compliance*, 17402-CAA20115 Uen
- [14] *Addendum for CS1+ to Statement of Compliance*, 1/17402-CAA 201 15 Uen
- [15] *BSSAP-LE, State of Compliance*, 174 02-CAA 901 610 Uen
- [16] *SCCP ANSI/ITU/TTC/CHINESE ANSI 1996, State of Compliance*, 2/174 02-CAA 901437 Uen
- [17] *SCCP ANSI/ITU/TTC/CHINESE ITU-T 07/96, State of Compliance*, 1/174 02-CAA 901 437 Uen
- [18] *SCCP ANSI/ITU/TTC/CHINESE TTC 1997, State of Compliance*, 3/174 02-CAA 901 437 Uen
- [19] *SCCP ANSI/ITU/TTC/CHINESE ETSI 2001-02, State of Compliance*, 4/174 02-CAA 901 437 Uen

- [20] *SCCP ANSI/ITU/TTC/CHINESE China 1994.10, State of Compliance, 5/174 02-CAA 901 437 Uen*
- [21] *SS7 MTP-L3 and M3UA IETF ANSI 1996, Statement of Compliance, 2/174 02-CAA 901437 Uen*
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- [27] *SS7 MTP-L3 and M3UA IETF RFC 4666, Statement of Compliance, 1/17402-CAA 901 1817 Uen*
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