

# SSCOP R1 ANSI 94

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## STATEMENT OF COMPLIANCE

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# 1 General

## 1.1 Introduction

Ericsson AB SSCOP ANSI version R1 is compliant with the ANSI standard Reference [1] according to the table in this document.

## 1.2 Terms

<b>ANSI</b>	American National Standards Institute
<b>ATM</b>	Asynchronous Transfer Mode
<b>B-ISDN</b>	Broadband Integrated Services Network
<b>CPCS</b>	Common Part Convergence Sublayer
<b>PC</b>	Protocol Capabilities
<b>PDU</b>	Protocol Data Unit
<b>PICS</b>	Protocol Implementation Conformance Statement
<b>SCCP</b>	Signalling Connection Control Part
<b>SDL</b>	Specification and Description Language
<b>SDU</b>	Service Data Unit
<b>SoC</b>	Statement of Compliance
<b>SP</b>	System Parameters
<b>SSCF</b>	Service Specific Coordination Function
<b>SSCOP</b>	Service Specific Connection Oriented Protocol
<b>SSCS</b>	Service Specific Convergence Sublayer

## 1.3 Concept

The terms that are used are:

<b>C</b>	Ericsson Signalling Solution module complies with the specified paragraph in the standard.
<b>N</b>	Ericsson Signalling Solution module does not comply with the specified paragraph in the standard.



- P** Ericsson Signalling Solution module complies partly with the specified paragraph in the standard. Specify in a note what in the module that does comply and what that does not.
- There is nothing to implement in the referred paragraph (used in column “C”).

## 1.4 History

*Table 1 Revision history*

Revision	Date	Author	Comment
A	2002-08-16	Mats Jarlstedt	Approved after document inspection.
B	2007-02-19	XMRALBA	Converted to XML format
C	2007-09-27	XMREVEF	Minor changes



## 2 Compliance List

### 2.1 SSCOP (ANSI T1.637)

Table 2 Compliance List

References		C	N	P	Comments
1	Scope, purpose and application	-			
2	Normative references	-			
3	Acronyms	-			
4	General	-			
5	Functions of the SSCOP	X			
6	Elements for layer to layer communication	-			
6.1	Signals between SSCOP and SSCF, and SSCOP and SSCS layer management	X			
6.1.1	Signal definition	X			
6.1.2	Parameter definition	X			
6.2	State transition diagram for sequences of signals	X			
6.3	Signals between SSCOP and CPCS	X			
7	Protocol elements for peer-to-peer communications	-			
7.1	SSCOP PDUs	X			
7.2	SSCOP PDU formats	X			
7.2.1	Coding conventions	X			
7.2.2	Padding (PAD) field	X			
7.2.3	Reserved field	X			
7.2.4	PDU length	X			
7.2.5	STAT and USTAT PDU codings	X			
7.3	States of SSCOP protocol entity	X			
7.4	SSCOP state variable	X			
7.5	SSCOP PDU parameters	X			
7.6	SSCOP timers	X			

Table 2 Compliance List

References		C	N	P	Comments
7.7	SSCOP parameters	X			
7.8	SSCOP credit and flow control	X			
7.8.1	Credit and peer-to-peer flow control	X			
7.8.2	Local flow control			X	Note 1
8	Specification of SSCOP	-			
8.1	Overview	X			
8.1.1	Idle	X			
8.1.2	Establishment and release	X			
8.1.3	Bidirectional resynchronization	X			
8.1.4	Recovery	X			
8.1.5	Data transfer	X			
8.2	SDL diagrams	X			
Annex A,	Management error indications	-			
Annex B,	Protocol Implementation conformance Statement (PICS) pro forma to Recommendation Q.2110	-			
B.1	General	-			
B.2	Abbreviations and special symbol	-			
B.3	Instructions for completing the PICS proforma	-			
B.4	Global statement of conformance	-			
B.5	SSCOP Q.2110	-			
B.5.1	Protocol Capabilities (PC) SSCOP	-			
B.5.2	SSCOP PDUs Protocol Data Units (PD)	-			
B.5.3	SSCOP System Parameters (SP)	-			
Annex I,	Concepts and terminology	-			
Annex II,	Examples of SSCOP operation	-			
Annex III,	Summary of buffer and state variable management	-			
Annex IV,	Default window size for SSCOP	-			





## 3 Notes

### **Note 1**

Flow control of PDUs to layer 1 is not implemented in SSCOP. The interface to the layer 1 is hardware dependent. Transmission priority between connection and data signals is not supported.





## Reference List

### ANSI Standards

- [1] *[ANSI-1]*  
*American National Standard for Telecommunications - B-ISDN ATM Adaptation Layer - Service Specific Connection Oriented Protocol (SSCOP), ANSI T1.637 -1994*