

Layer Management R1 ITU 95

STATEMENT OF COMPLIANCE

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1 General

1.1 Introduction

Ericsson AB Layer Management (LM) ITU version R1 is compliant with the ITU-T standard Reference [1] according to the table in this document.

1.2 Terms

ATM	Asynchronous Transfer Mode
ITU-T	International Telecommunication Union - Telecommunication
LM	Layer Management
NNI	Node Network Interface
SAAL	Signaling ATM Adaptation layer
SoC	Statement of Compliance
SSCF	Service Specific Coordination Functions
SSCOP	Service Specific Connection Oriented Protocol

1.3 Concept

This section will explain the different concepts that will be used in the compliance lists. The terms that are used are:

C	Ericsson module complies with the specified paragraph in the standard.
N	Ericsson module does not comply with the specified paragraph in the standard.
P	Ericsson 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	2002-08-09	Mats Jarlstedt	Approved after document inspection.
B	2007-02-19	XMRALBA	Converted to XML format
C	2007-09-27	XMREVEF	Minor changes



2 Compliance Lists

2.1 LM (ITU-T Q.2144)

Table 2 Compliance List

Reference	C	N	P	Comments
1 Scope	-			
2 Normative References	-			
2.1 Normative references	-			
2.2 Informative references	-			
3 Abbreviations and acronyms	-			
4 Model for interactions with Layer Management	-			
5 Interface Between Layer Management and the SAAL at the NNI	-			
5.1 Interface Between Layer Management and SSCOP	X			
5.2 Interface Between Layer Management and the SSCF at the NNI	X			
6 State Transition Table of LM for the management of SAAL at NNI	X			Note 1
7 Interface to systems management	X			
8 Peer-to-peer Layer Management communication	X			
9 Procedures of Layer Management	-			
9.1 Error processing	X			
9.1.1 Error Monitoring for In-Service Links	X			
9.1.2 Detection of Excessive Time with no Credit	X			
9.1.3 Detection of Closely Spaced SSCOP Recoveries	X			
9.2 Measurements	X			
9.2.1 Duration of presence in In-Service state	X			
9.2.2 Signalling Link Failures	X			

Table 2 Compliance List

Reference	C	N	P	Comments
9.2.3 Signalling Link Restoration	X			
9.3 Handling of processor outage conditions	X			
9.4 Management of signalling link proving	X			
Annex A, Real system resources	-			
Appendix I, Management error indications	-			
Appendix II, example of error monitoring of In-Service links				
II.1 Overview	-			
II.2 Detailed description	-			
II.3 Rationale for default parameters	-			
II.4 Proving	-			
Figure II.1/Q.2144	X			Note 2



3 Notes

Note 1

Added send of MAAL_RELEASE.request in event “Signaling Link below acceptable performance level” in state 3.

Note 2

Primitive MAAL_PROVING_UNSUCCESSFUL.response added to the transition from state Wait to Idle in the Error Monitor.





Reference List

ITU standards

- [1] *International Telecommunication Union, Telecommunication Standardization Sector of ITU. B-ISDN signalling ATM Adaptation Layer (SAAL)- Layer management for the SAAL at the Network Node Interface (NNI), Recommendation Q.2144 (10/95).*