

# Layer Management R1

## TTC 96

### Statement of Compliance

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This product is produced and copyrighted by:

**Ericsson AB**

P.O. Box 1038

SE-651 15 Karlstad

Sweden

Phone: +46-54-29 40 00

Product support can be reached at:

**Ericsson AB**

**Customer Support Center**

Phone: +46-54-29 44 00 (08:00-17:00 CET)

Fax: +46-54-29 40 01

E-mail: ss7csc@ks.ericsson.se

*Prepared:* KS/EAB/USB/A Mats Jarlstedt

*Subj. Responsible:*

*Checked:* KS/EAB/USN/M Birgitta Sjöqvist-Eriksson

*Approved:* KS/EAB/USB/U (Karl-Erik Kallioniemi)

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## **1. GENERAL**

### **1.1 INTRODUCTION**

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

### **1.2 TERMS**

|       |  |
|-------|--|
| ATM   | Asynchronous Transfer Mode                       |
| 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    |
| TTC   | Telecommunication Technology Committee (Council) |

### **1.3 CONCEPT**

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

| Revision | Date       | Author         | Comment                             |
|----------|------------|----------------|-------------------------------------|
| A        | 2002-08-09 | Mats Jarlstedt | Approved after document inspection. |

## 1.5 REFERENCES

TTC Standards:

- [TTC-1] Telecommunication Technology Council (TTC) JT-Q.2144, Version 1 (96) B-ISDN signalling ATM Adaptation Layer (SAAL)- Layer management for the SAAL at the Network Node Interface (NNI).
- [TTC-2] Telecommunication Technology Council (TTC) JT-Q.2140, Version 1 (95) B-ISDN ATM Adaptation Layer- Service Specific Coordination Function for signaling at the Network Node Interface (SSCF at NNI).

## 2. COMPLIANCE LISTS

### 2.1 LM (JT- Q.2144)

| 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 |   |   | <i>Note 1</i> |
| 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 |   |   |               |
| 9.2.3 Signalling Link Restoration                                | X |   |   |               |
| 9.3 Handling of processor outage conditions                      | X |   |   |               |
| Annex A, Real system resources                                   | - |   |   |               |
| Appendix I, Management error indications                         | - |   |   |               |

### 3. NOTES AND COMMENTS

Note 1                      Configuration parameter added to choose if proving states should be included or not. This due to inconsistencies between standard Q.2144 [TTC-1] and Q.2140 [TTC-2].