

INTERNATIONAL  
STANDARD

**ISO/IEC**  
**10742**

First edition  
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**AMENDMENT 2**  
1996-07-15

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**Information technology —  
Telecommunications and information  
exchange between systems — Elements of  
management information related to OSI  
Data Link Layer standards**

AMENDMENT 2: Implementation conformance  
statement proformas

*Technologies de l'information — Télécommunications et échange  
d'information entre systèmes — Éléments d'information de gestion  
concernant les normes de la couche de liaison de données OSI*

*AMENDEMENT 2: Proformes de déclaration de conformité de mise en  
œuvre*



Reference number  
ISO/IEC 10742:1994/Amd.2:1996(E)

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75% of the national bodies casting a vote.

Amendment 2 to International Standard ISO/IEC 10742 : 1994 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

This Amendment is also published by ITU-T as Rec. X.282/Amd. 2 but not as identical text.

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## Information technology – Telecommunications and information exchange between systems – Elements of management information related to OSI Data Link Layer standards

### AMENDMENT 2:

#### Implementation conformance statement proformas

##### Page 1

Add the following as the last paragraph of Clause 1 “Scope”.

"

Annexes E, F, G and H, which are integral parts of this International Standard provide ICS proformas associated with Data link layer management information.

"

Add the following reference to subclause 2.1:

"

- ITU-T Recommendation X.724 (1993) | ISO/IEC 10165-6: 1994, *Information technology - Open Systems Interconnection - Structure of management information: Requirements and guidelines for implementation conformance statement proformas associated with OSI management*.

"

##### Page 2

Add the following references to subclause 2.2:

"

- CCITT Recommendation X.209 (1988), *Specification of basic encoding rules for abstract syntax notation one (ASN.1)*.  
ISO/IEC 8825: 1990, *Information technology - Open Systems Interconnection - Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1)*.
- CCITT Recommendation X.290 (1991), *OSI conformance testing methodology and framework for protocol Recommendations for CCITT applications - General concepts*.  
ISO/IEC 9646-1: 1994, *Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts*.
- CCITT Recommendation X.291 (1992), *OSI conformance testing methodology and framework for protocol Recommendations for CCITT applications - Abstract test suite specification*.  
ISO/IEC 9646-2: 1994, *Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification*.  
NOTE – ISO/IEC 9646-1:1994 and ISO/IEC 9646-2:1994 supersede ISO/IEC 9646-1:1991 and ISO/IEC 9646-2:1991 respectively. However, when this International Standard was under development, the previous editions were valid and this International Standard is therefore based on these editions, which are listed below.  
ISO/IEC 9646-1: 1991, *Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts*.  
ISO/IEC 9646-2: 1991, *Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract test suite specification*.
- ITU-T Recommendation X.296 (1995), *OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications - Implementation Conformance Statements*.

ISO/IEC 9646-7: 1995, *Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation conformance statements.*

"

#### Page 4

Add the following abbreviations to clause 4:

"

|      |  |
|------|--|
| MCS  | management conformance summary               |
| MICS | management information conformance statement |
| MOCS | managed object conformance statement         |
| MRCS | managed relationship conformance statement   |

"

#### Page 33

Replace clause 7 with the following:

"

## 7 Conformance

Implementations claiming to conform to this International Standard shall comply with the conformance requirements as defined in the following subclauses.

### 7.1 Conformance requirements to this International Standard

#### 7.1.1 Static conformance

The implementation shall conform to the requirements of this International Standard in the manager role, the agent role, or both roles. A claim of conformance to at least one role shall be made in Table E.1 of this International Standard.

If a claim of conformance is made for support in the manager role, the implementation shall support at least one management operation or notification or action of the managed objects specified by this International Standard. The conformance requirements in the manager role for those management operations, notifications and actions are identified in Table E.3 and further tables referenced by Annex E.

If a claim of conformance is made for support in the agent role, the implementation shall support one or more instances of the data link subsystem managed object class and the data link service access point managed object class identified in Table E.4 of this International Standard and further tables referenced by Annex E.

If a claim of conformance is made for support in the agent role, the implementation shall support at least one name binding identified in Table E.7 of this International Standard for each supported managed object.

The implementation shall support the transfer syntax derived from the encoding rules specified in CCITT Rec. X.209 | ISO/IEC 8825 named {joint-iso-ccitt asn1(1) basicEncoding(1)} for the abstract data types referenced by the definitions for which support is claimed.

#### 7.1.2 Dynamic conformance

Implementations claiming to conform to this International Standard shall support the elements of procedure and definitions of semantics corresponding to the definitions for which support is claimed.

### 7.1.3 Management implementation conformance statement requirements

Any MCS proforma, MICS proforma, MOCS proforma, and MRCS proforma which conform to this International Standard shall be technically identical to the proformas specified in Annexes E, F, G and H preserving table numbering and the index numbers of items, and differing only in pagination and page headers.

The supplier of an implementation which is claimed to conform to this International Standard shall complete a copy of the management conformance summary (MCS) provided in Annex E as part of the conformance requirements together with any other ICS proformas referenced as applicable from that MCS. Any MCS, MICS, MOCS, and MRCS which conform to this International Standard shall:

- describe an implementation which conforms to this International Standard;
- have been completed in accordance with the instructions for completion given in ITU-T Rec. X.724 | ISO/IEC 10165-6;
- include the information necessary to uniquely identify both the supplier and the implementation.

### 7.2 Protocol specific conformance requirements

The supplier of an implementation which is claimed to conform to this International Standard shall support at least one protocol identified in Table E.2 of this International Standard.

#### 7.2.1 Conformance to the ISO 7776

An implementation claiming conformance to ISO/IEC 7776 in the agent role as a managed implementation shall:

- a) conform to ITU-T Recommendation X.282 | ISO/IEC 10742 as defined in 7.1;
- b) support the IAPBDLE MO, the sLPPM MO and sLPConnection MO.

#### 7.2.2 Conformance to the ISO/IEC 8802-2 connectionless-mode LLC

An implementation claiming conformance to ISO/IEC 8802-2 connectionless-mode LLC in the agent role as a managed implementation shall:

- a) conform to ITU-T Recommendation X.282 | ISO/IEC 10742 as defined in 7.1;
- b) support the ILCDLE MO and at least one class derived from the ILCCCLPM MO.

#### 7.2.3 Conformance to the ISO/IEC 8802-2 connection-mode LLC

An implementation claiming conformance to ISO/IEC 8802-2 connection-mode LLC in the agent role as a managed implementation shall:

- a) conform to ITU-T Recommendation X.282 | ISO/IEC 10742 as defined in 7.1;
- b) support the ILCDLE MO and at least one class derived from the ILCCOPM MO.

#### 7.2.4 Conformance to the ISO 8802 MAC

An implementation claiming conformance to ISO 8802 MAC in the agent role as a managed implementation shall:

- a) conform to ITU-T Recommendation X.282 | ISO/IEC 10742 as defined in 7.1;
- b) support the mACDLE MO and at least one class derived from the mAC MO.

"

**Annex E**  
(normative)

**MCS proforma<sup>1)</sup>**

## E.1 Introduction

### E.1.1 Purpose and structure

The management conformance summary (MCS) is a statement by a supplier that identifies an implementation and provides information on whether the implementation claims conformance to any of the listed set of documents that specify conformance requirements to OSI management.

The MCS proforma is a document, in the form of a questionnaire that when completed by the supplier of an implementation becomes the MCS.

### E.1.2 Instructions for completing the MCS proforma to produce an MCS<sup>2)</sup>

The supplier of the implementation shall enter an explicit statement in each of the boxes provided. Specific instruction is provided in the text which precedes each table.

### E.1.3 Symbols, abbreviations and terms

For all annexes of this International Standard, the following common notations, defined in CCITT Rec. X.291 | ISO/IEC 9646-2 and ITU-T Rec. X.296 | ISO/IEC 9646-7 are used for the Status column:

- m mandatory;
- o optional;
- c conditional;
- x prohibited;
- not applicable or out of scope.

#### NOTES

1 – 'c', 'm', and 'o' are prefixed by a 'c' when nested under a conditional or optional item of the same table;

2 – 'o' may be suffixed by 'N' (where N is a unique number) for mutually exclusive or selectable options among a set of status values. Support of at least one of the choices (from the items with the same values of N) is required.

For all annexes of this International Standard, the following common notations, defined in CCITT Rec. X.291 | ISO/IEC 9646-2 and ITU-T Rec. X.296 | ISO/IEC 9646-7 are used for the Support column:

- Y implemented;
- N not implemented;
- no answer required;
- Ig the item is ignored (i.e. processed syntactically but not semantically).

<sup>1)</sup> Users of this International Standard may freely reproduce the MCS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MCS.

<sup>2)</sup> Instructions for completing the MCS proforma are specified in ITU-T Rec.X.724 | ISO/IEC 10165-6 .

**E.2 Identification of the implementation**

**E.2.1 Date of statement**

The supplier of the implementation shall enter the date of this statement in the box below. Use the format DD-MM-YYYY.

|                   |
|-------------------|
| Date of statement |
|-------------------|

**E.2.2 Identification of the implementation**

The supplier of the implementation shall enter information necessary to uniquely identify the implementation and the system(s) in which it may reside, in the box below.

|  |
|--|
|  |
|--|

**E.2.3 Contact**

The supplier of the implementation shall provide information on whom to contact if there are any queries concerning the content of the MCS, in the box below.

|  |
|--|
|  |
|--|

**E.3 Identification of the International Standard in which the management information is defined**

The supplier of the implementation shall enter the title, reference number and date of the publication of the International Standard which specifies the management information to which conformance is claimed, in the box below.

|  |
|--|
| International Standard to which conformance is claimed |
|--|

**E.3.1 Technical corrigenda implemented**

The supplier of the implementation shall enter the reference numbers of implemented technical corrigenda which modify the identified International Standard, in the box below.

|  |
|--|
|  |
|--|

**E.3.2 Amendments implemented**

The supplier of the implementation shall state the titles and reference numbers of implemented amendments to the identified International Standard, in the box below.

**E.4 Management conformance summary**

The supplier of implementation shall state the capabilities and features supported and provide summary of conformance claims to Recommendations | International Standards using the tables in this annex.

The supplier of the implementation shall specify the roles that are supported, in Table E.1

**Table E.1 – Roles**

| Index | Roles supported      | Status | Support | Additional information |
|-------|----------------------|--------|---------|------------------------|
| 1     | Manager role support | o.1    |         |                        |
| 2     | Agent role support   | o.1    |         |                        |

The supplier of the implementation shall specify the protocols that are supported, in Table E.2

**Table E.2 – Protocol**

| Index | Protocol supported           | Status | Support | Additional information |
|-------|------------------------------|--------|---------|------------------------|
| 1     | ISO 7776 support             | o.2    |         |                        |
| 2     | ISO 8802-2 (CL mode) support | o.2    |         |                        |
| 3     | ISO 8802-2 (CO mode) support | o.2    |         |                        |
| 4     | ISO/IEC 8802 MAC support     | c1     |         |                        |

c1: if E.2/2a or E.2/3a then m else -

The supplier of the implementation shall specify support for management information in the manager role, in Table E.3.

**Table E.3 – Manager role minimum conformance requirement**

|    | Item   | Status | Support | Additional information |
|----|--|--------|---------|------------------------|
| 1  | Operations on managed objects  | c1     |         |                        |
| 2  | Attribute value change notification for EWMA metric monitor managed object   | c1     |         |                        |
| 3  | Object creation notification for EWMA metric monitor managed object          | c1     |         |                        |
| 4  | Object deletion notification for EWMA metric monitor managed object          | c1     |         |                        |
| 5  | Quality of service alarm notification for EWMA metric monitor managed object | c1     |         |                        |
| 6  | State change notification for EWMA metric monitor managed object             | c1     |         |                        |
| 7  | Object creation notification for LAPB data link entity managed object        | c2     |         |                        |
| 8  | Object deletion notification for LAPB data link entity managed object        | c2     |         |                        |
| 9  | State change notification for LAPB data link entity managed object           | c2     |         |                        |
| 10 | Object creation notification for LLC data link entity managed object         | c3     |         |                        |
| 11 | Object deletion notification for LLC data link entity managed object         | c3     |         |                        |
| 12 | State change notification for LLC data link entity managed object            | c3     |         |                        |
| 13 | Object creation notification for MAC data link entity managed object         | c4     |         |                        |
| 14 | Object deletion notification for MAC data link entity managed object         | c4     |         |                        |
| 15 | State change notification for MAC data link entity managed object            | c4     |         |                        |
| 16 | Deactivate action for SLP connection managed object                          | c2     |         |                        |
| 17 | Communications alarm notification for SLP connection managed object          | c2     |         |                        |
| 18 | Object creation notification for SLP connection managed object               | c2     |         |                        |
| 19 | Object deletion notification for SLP connection managed object               | c2     |         |                        |
| 20 | Object creation notification for SLP connection IV managed object            | c2     |         |                        |

**Table E.3 (concluded) – Manager role minimum conformance requirement**

|    | Item  | Status | Support | Additional information |
|----|---|--------|---------|------------------------|
| 21 | Object deletion notification for SLP connection IV managed object | c2     |         |                        |
| 22 | Activate action for SLP protocol machine managed object           | c2     |         |                        |
| 23 | Deactivate action for SLP protocol machine managed object         | c2     |         |                        |
| 24 | Object creation notification for SLP protocol managed object      | c2     |         |                        |
| 25 | Object deletion notification for SLP protocol managed object      | c2     |         |                        |
| 26 | State change notification for SLP protocol machine managed object | c2     |         |                        |

c1: if E.1/1a then o.3 else -

c2: if E.1/1a and E.2/1a then o.3 else -

c3: if E.1/1a and (E.2/2a or E.2/3a) then o.3 else -

c4: if E.1/1a and E.2/4a then o.3 else -

The supplier of the implementation shall specify support for management information in the agent role, in Table E.4

**Table E.4 – Agent role minimum conformance requirement**

| Index | Item   | Status | Support | Additional information |
|-------|--|--------|---------|------------------------|
| 1     | Data link subsystem managed object                                 | m      |         |                        |
| 2     | Data link service access point managed object                      | m      |         |                        |
| 3     | LAPB data link entity managed object                               | c5     |         |                        |
| 4     | LAPB single link protocol machine managed object                   | c5     |         |                        |
| 5     | LAPB single link protocol connection managed object                | c5     |         |                        |
| 6     | LAPB single link protocol connection initial values managed object | c6     |         |                        |
| 7     | MAC data link entity managed object                                | c7     |         |                        |
| 8     | MAC managed object   | c8     |         |                        |
| 9     | LLC data link managed object                                       | c9     |         |                        |
| 10    | LLC connectionless protocol machine managed object                 | c10    |         |                        |
| 11    | LLC connection-mode protocol machine managed object                | c11    |         |                        |

c5: if E.1/2a and E.2/1a then m else -

c6: if E.1/2a and E.2/1a then o else -

c7: if E.1/2a and E.2/4a then m else -

c8: if E.1/2a and E.2/4a then o else -

c9: if E.1/2a and E2/2a or G.2/3a then m else -

c10: if E.1/2a and E.2/2a then o else -

c11: if E.1/2a and E.2/3a then o else -

**Table E.5 – Logging of event records**

| Index |   | Status | Support | Additional information |
|-------|---|--------|---------|------------------------|
| 1     | Does the implementation support logging of event records in agent role? | c12    |         |                        |

c12: if E.1/2a then o else -

NOTE – Conformance to this International Standard does not require conformance to CCITT Rec. X.735 | ISO/IEC 10164-6.

The supplier of the implementation shall provide information on claims of conformance to any of the International Standards summarized in the following tables. For each International Standard that the supplier of the implementation claims conformance to, the corresponding conformance statement(s) shall be completed, or referenced by, the MCS. The supplier of the implementation shall complete the Support, Table numbers and Additional information columns.

In tables E.6, E.7 and E.8, the Status column is used to indicate whether the supplier of the implementation is required to complete the referenced tables or referenced items. Conformance requirements are as specified in the referenced tables or referenced items and are not changed by the value of the MCS Status column. Similarly, the Support column is used by the supplier of the implementation to indicate completion of the referenced tables or referenced items.

**Table E.6 – MOCS support summary**

| Index | Identification of the document that includes the MOCS proforma | Table numbers of MOCS proforma | Description                | Constraints and values | Status | Support | Table numbers of MOCS | Additional information |
|-------|--|--------------------------------|----------------------------|------------------------|--------|---------|-----------------------|------------------------|
| 1     | "ISO/IEC 10742"  | G.1 - G.4                      | dLSAP                      | —                      | m      |         |                       |                        |
| 2     | "ISO/IEC 10742"  | G.5 - G.8                      | datalinkSubsystem          | —                      | m      |         |                       |                        |
| 3     | "ISO/IEC 10742"  | G.9 - G.14                     | eWVAMetricMonitor          | —                      | o      |         |                       |                        |
| 4     | "ISO/IEC 10742"  | G.15 - G.20                    | IAPBDLE                    | —                      | c13    |         |                       |                        |
| 5     | "ISO/IEC 10742"  | G.21                           | ILCCLPM                    | —                      | c14    |         |                       |                        |
| 6     | "ISO/IEC 10742"  | G.22                           | ILCCOPM                    | —                      | c15    |         |                       |                        |
| 7     | "ISO/IEC 10742"  | G.23 - G.28                    | ILCDLE                     | —                      | c16    |         |                       |                        |
| 8     | "ISO/IEC 10742"  | G.29                           | mAC                        | —                      | c17    |         |                       |                        |
| 9     | "ISO/IEC 10742"  | G.30 - G.35                    | mACDLE                     | —                      | c18    |         |                       |                        |
| 10    | "ISO/IEC 10742"  | G.36 - G.39                    | resourceTypeId             | —                      | o      |         |                       |                        |
| 11    | "ISO/IEC 10742"  | G.40 - G.47                    | sLPCconnection             | —                      | c19    |         |                       |                        |
| 12    | "ISO/IEC 10742"  | G.48 - G.53                    | sLPCconnectionIVMO         | —                      | c20    |         |                       |                        |
| 13    | "ISO/IEC 10742"  | G.54 - G.60                    | sLPPM                      | —                      | c21    |         |                       |                        |
| 14    | "ISO/IEC 10164-1"  | Table C.1 - C.4                | objectCreationRecord       | —                      | c22    |         |                       |                        |
| 15    | "ISO/IEC 10164-1"  | Table C.5 - C.8                | objectDeletionRecord       | —                      | c22    |         |                       |                        |
| 16    | "ISO/IEC 10164-1"  | Table C.9 - C.12               | attributeValueChangeRecord | —                      | c23    |         |                       |                        |
| 17    | "ISO/IEC 10164-2"  | Table C.1 - C.4                | stateChangeRecord          | —                      | c24    |         |                       |                        |
| 18    | "ISO/IEC 10164-4"  | Table C.1 - C.4                | alarmRecord                | —                      | c25    |         |                       |                        |

c13: if E.4/3a then m else -

c14: if E.4/10a then m else -

c15: if E.4/11a then m else -

c16: if E.4/9a then m else -

c17: if E.4/8a then m else -

c18: if E.4/7a then m else -

c19: if E.4/5a then m else -

c20: if E.4/6a then m else -

c21: if E.4/4a then m else -

c22: if E.6/4a or E.6/5a or E.6/6a or E.6/7a or E.6/8a or E.6/9a or E.6/11a or E.6/12a or E.6/13a then m else -

c23: if E.6/4a then m else -

c24: if E.6/4a or E.6/5a or E.6/6a or E.6/7a or E.6/8a or E.6/9a or E.6/13a then m else -

c25: if E.6/4a or E.6/11a then m else -

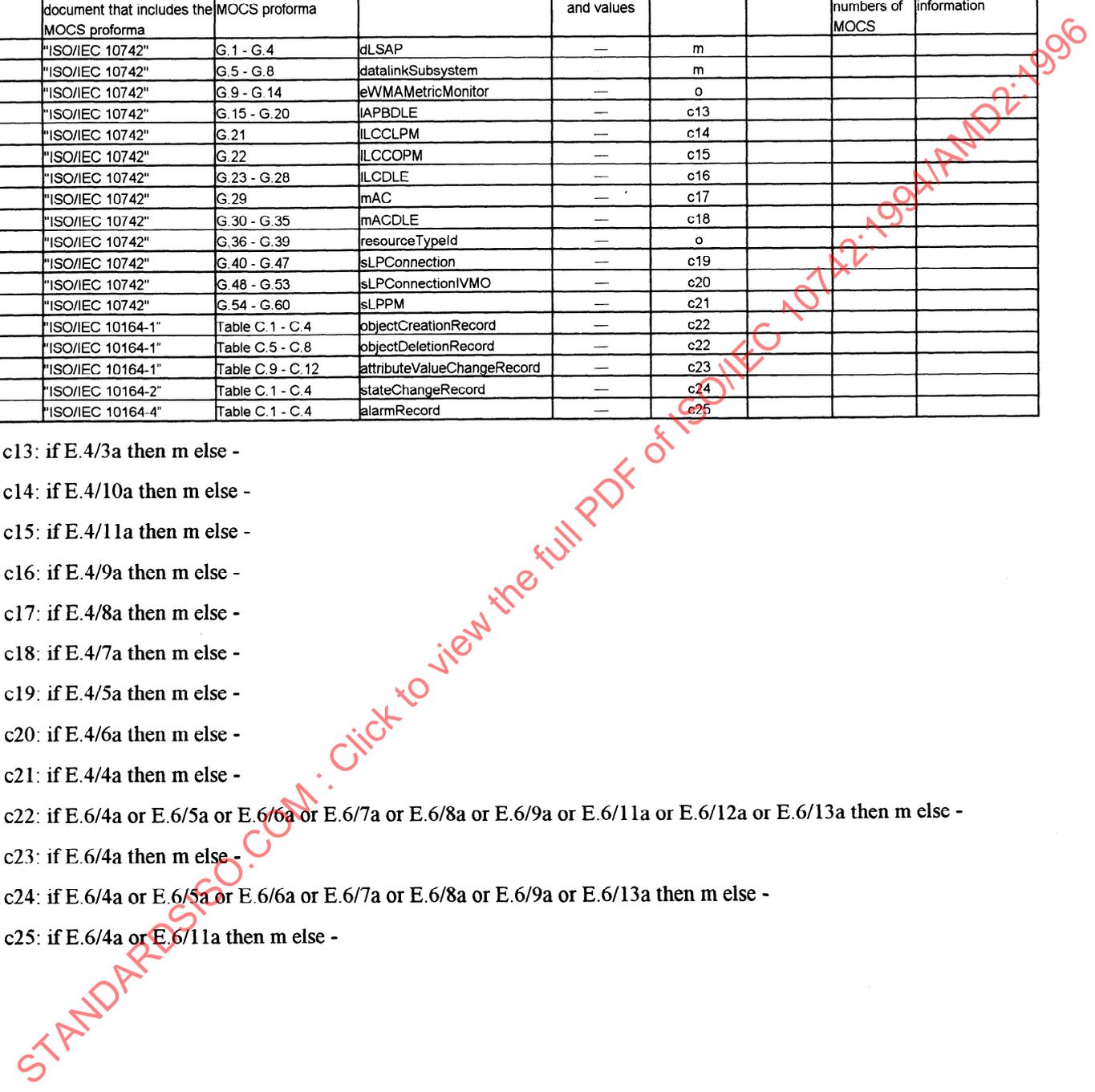


Table E.7 – MRCS support summary

| Index | Identification of the document that includes the MRCS proforma | Table numbers of MRCS proforma | Description  | Constraints and values | Status | Support | Table numbers of MRCS | Additional information |
|-------|--|--------------------------------|--|------------------------|--------|---------|-----------------------|------------------------|
| 1     | "ISO/IEC 10742"  | Table H. 1/1                   | dLSAP-datalinkEntity-Management  | —                      | o.4    |         |                       |                        |
| 2     | "ISO/IEC 10742"  | Table H. 1/2                   | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": sap1-communicationsEntity              | —                      | o.4    |         |                       |                        |
| 3     | "ISO/IEC 10742"  | Table H. 1/3                   | datalinkEntity-datalinkSubsystem-Management  | —                      | o.5    |         |                       |                        |
| 4     | "ISO/IEC 10742"  | Table H. 1/4                   | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": communicationsEntity-subsystem         | —                      | o.5    |         |                       |                        |
| 5     | "ISO/IEC 10742"  | Table H. 1/5                   | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": subsystem-system                       | —                      | m      |         |                       |                        |
| 6     | "ISO/IEC 10742"  | Table H. 1/6                   | eWMMetricMonitor-ILCDLE-Management   | —                      | c26    |         |                       |                        |
| 7     | "ISO/IEC 10742"  | Table H. 1/7                   | eWMMetricMonitor-mACDLE-Management   | —                      | c26    |         |                       |                        |
| 8     | "ISO/IEC 10742"  | Table H. 1/8                   | ILCCLPM-ILCDLE-Management  | —                      | c27    |         |                       |                        |
| 9     | "ISO/IEC 10742"  | Table H. 1/9                   | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": ciProtocolMachine-entity               | —                      | c27    |         |                       |                        |
| 10    | "ISO/IEC 10742"  | Table H. 1/10                  | ILCCOPM-ILCDLE-Management  | —                      | c28    |         |                       |                        |
| 11    | "ISO/IEC 10742"  | Table H. 1/11                  | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": coProtocolMachine-entity               | —                      | c29    |         |                       |                        |
| 12    | "ISO/IEC 10742"  | Table H. 1/12                  | mAC-mACDLE-Automatic   | —                      | c30    |         |                       |                        |
| 13    | "ISO/IEC 10742"  | Table H. 1/13                  | mAC-mACDLE-Management  | —                      | c30    |         |                       |                        |
| 14    | "ISO/IEC 10742"  | Table H. 1/14                  | resourceTypeId-ILCDLE-Automatic  | —                      | c31    |         |                       |                        |
| 15    | "ISO/IEC 10742"  | Table H. 1/15                  | resourceTypeId-mACDLE-Automatic  | —                      | c31    |         |                       |                        |
| 16    | "ISO/IEC 10742"  | Table H. 1/16                  | sLPConnection-sLPPM-Automatic  | —                      | c32    |         |                       |                        |
| 17    | "ISO/IEC 10742"  | Table H. 1/17                  | sLPConnection-sLPPM-Management   | —                      | c32    |         |                       |                        |
| 18    | "ISO/IEC 10742"  | Table H. 1/18                  | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": singlePeerConnection-coProtocolMachine | —                      | c32    |         |                       |                        |
| 19    | "ISO/IEC 10742"  | Table H. 1/19                  | sLPConnectionIVMO-sLPPM-Management   | —                      | c33    |         |                       |                        |
| 20    | "ISO/IEC 10742"  | Table H. 1/20                  | sLPPM-IAPBDLE-Management   | —                      | c34    |         |                       |                        |
| 21    | "ISO/IEC 10164-6"  | Table D. 1/1                   | logRecord-log  | —                      | c35    |         |                       |                        |

c26: if E.6/3a then o.6 else -

c27: if E.6/4a then o.7 else -

c28: if E.6/5a then o.9 else -

c29: if E.6/6a then o.9, if E.6/13a then o.10, if E.6/6a and E.6/13a then o.9 and o.10 else -

c30: if E.6/8a then o.11 else -

c31: if E.6/10a then o.12 else -

c32: if E.6/11a then o.13 else -

c33: if E.6/12a then m else -

c34: if E.6/13a then o.10 else -

c35: if E.6/14a or E.6/15a or E.6/16a or E.6/17a or E.6/18a then m else -

**Table E.8 – MICS support summary**

| Index | Identification of the document that includes the MICS proforma | Table numbers of MICS proforma | Description           | Constraints and values | Status | Support | Table numbers of MICS | Additional information |
|-------|--|--------------------------------|-----------------------|------------------------|--------|---------|-----------------------|------------------------|
| 1     | "ISO/IEC 10742"  | Table F.1 to F.23              | management operations | —                      | c36    |         |                       |                        |
| 2     | "ISO/IEC 10742"  | Table F.24                     | notifications         | —                      | c37    |         |                       |                        |
| 3     | "ISO/IEC 10742"  | Table F.25                     | actions               | —                      | c38    |         |                       |                        |

c36: if E.3/1a then m else -

c37: if E.3/2a or E.3/3a or E.3/4a or E.3/5a or E.3/6a or E.3/7a or E.3/8a or E.3/9a or E.3/10a or E.3/11a or E.3/12a or E.3/13a or E.3/14a E.3/15 or E.3/17a or E.3/18a or E.3/19a or E.3/20a or E.3/21a or E.3/24a or E.3/25a or E.3/26a then m else -

c38: if E.3/16a or E.3/22a or E.3/23a then m else -

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## Annex F (normative)

### MICS proforma<sup>1)</sup>

#### F.1 Introduction

The purpose of this MICS proforma is to provide a mechanism for a supplier of an implementation which claims conformance, in the manager role, to management information specified in this International Standard, to provide conformance information in a standard form.

#### F.2 Instructions for completing the MICS proforma to produce a MICS

The MICS proforma contained in this annex is comprised of information in tabular form, in accordance with ITU-T Rec. X.724 | ISO/IEC 10165-6. In addition to the general guidance given in ITU-T Rec. X.724 | ISO/IEC 10165-6. The supplier of the implementation shall state which items are supported in tables below and if necessary, provide additional information.

#### F.3 Symbols, abbreviations and terms

The MICS proforma contained in this Annex is comprised of information in tabular form, in accordance with CCITT Rec. X.291 | ISO/IEC 9646-2.

The notations used in the Status and Support columns are specified in F.1.3.

#### F.4 Statement of conformance to the management information

##### F.4.1 Attributes

The specifier of a manager role implementation that claims to support management operations on the attributes specified in this International Standard shall import a copy of the following tables and complete them.

##### F.4.1.1 The Data Link Service Access Point managed object

**Table F.1 – dLSAP Attribute support**

| Index | Attribute template label                              | Value of object identifier for attribute | Constraints and values      | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|-----------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                             | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>allomorphs  | {2 9 3 2 7 50}                           | SET OF<br>ObjectClass       | c1            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>nameBinding | {2 9 3 2 7 63}                           | OBJECT<br>IDENTIFIER        | c1            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>objectClass | {2 9 3 2 7 65}                           | ObjectClass                 | c1            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>packages    | {2 9 3 2 7 66}                           | SET OF OBJECT<br>IDENTIFIER | c1            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |

<sup>1)</sup> Users of this International Standard may freely reproduce the PICS proforma in this Annex so that it can be used for its intended purpose, and may further publish the completed PICS.

Table F.1 (concluded) – dLSAP Attribute support

| Index | Attribute template label  | Value of object identifier for attribute | Constraints and values | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                        | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 5     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": sap1Address     | {2 9 3 5 7 8}                            | INTEGER                | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 6     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": sapId           | {2 9 3 5 7 10}                           | GraphicString          | c1            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 7     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": userEntityNames | {2 9 3 5 7 15}                           | SET OF ObjectInstance  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |

c1: if F.17/1a then o.14 else -

F.4.1.2 The Data Link Subsystem managed object

Table F.2 – datalinkSubsystem Attribute support

| Index | Attribute template label  | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs               | {2 9 3 2 7 50}                           | SET OF ObjectClass       | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding              | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass              | {2 9 3 2 7 65}                           | ObjectClass              | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages                 | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 5     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": subsystemId | {2 9 3 5 7 11}                           | GraphicString            | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |

F.4.1.3 The EWMA Metric Monitor managed object

Table F.3 – eWMAMetricMonitor Attribute support

| Index | Attribute template label                                   | Value of object identifier for attribute | Constraints and values | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|--|--|------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |  |  |                        | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": administrativeState | {2 9 3 2 7 31}                           | ENUMERATED             | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 2     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs          | {2 9 3 2 7 50}                           | SET OF ObjectClass     | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | counterModulus   | {1 2 840 10011 7 5}                      | INTEGER                | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 4     | counterTMinusGP  | {1 2 840 10011 7 4}                      | INTEGER                | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |

**Table F.3 (concluded) – eWMAMetricMonitor Attribute support**

| Index | Attribute template label                                | Value of object identifier for attribute | Constraints and values        | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|-------------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                               | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 5     | derivedGauge  | {1 2 840 10011 7 6}                      | CHOICE derivedGaugeNotCurrent | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 6     | estimateOfMean  | {1 2 840 10011 7 7}                      | CHOICE                        | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 7     | granularityPeriod                                       | {1 2 840 10011 7 8}                      | CHOICE                        | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 8     | movingTimePeriod  | {1 2 840 10011 7 12}                     | CHOICE                        | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 9     | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding      | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER             | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 10    | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass      | {2 9 3 2 7 65}                           | ObjectClass                   | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 11    | observedAttributeId                                     | {1 2 840 10011 7 9}                      | AttributeId                   | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 12    | observedManagedObjectInstance                           | {1 2 840 10011 7 10}                     | ObjectInstance                | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | -              |         |                        |
| 13    | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState | {2 9 3 2 7 35}                           | ENUMERATED                    | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 14    | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages         | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER      | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 15    | scannerId   | {1 2 840 10011 7 3}                      | GraphicString                 | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 16    | severityIndicatingThreshold                             | {1 2 840 10011 7 11}                     | SET OF SEQUENCE               | o.14          |         | o.14   |         | o.14    |         | o.14   |         | o.14   |         | -              |         |                        |

**F.4.1.4 The LAPB Data Link Entity managed object**

**Table F.4 – IAPBDLE Attribute support**

| Index | Attribute template label   | Value of object identifier for attribute | Constraints and values | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|--|--|------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |  |  |                        | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs                          | {2 9 3 2 7 50}                           | SET OF ObjectClass     | c2            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": communicationsEntityId | {2 9 3 5 7 0}                            | GraphicString          | c2            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": localSapNames          | {2 9 3 5 7 6}                            | SET OF ObjectInstance  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | mT1Timer   | {2 15 0 7 12}                            | SEQUENCE               | c2            |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 5     | mT2Timer   | {2 15 0 7 13}                            | SEQUENCE               | c2            |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 6     | mT3Timer   | {2 15 0 7 14}                            | SEQUENCE               | c2            |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 7     | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding                         | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER      | c2            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 8     | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass                         | {2 9 3 2 7 65}                           | ObjectClass            | c2            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 9     | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState                    | {2 9 3 2 7 35}                           | ENUMERATED             | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |

**Table F.4 (concluded) – IAPBDLE Attribute support**

| Index | Attribute template label                        | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 10    | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | c2            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 11    | providerEntityNames                             | {2 15 0 7 11}                            | SET OF ObjectInstance    | c2            |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |

c2: if F.19/1a then o.14 else -

**F.4.1.5 The LLC Data Link Entity managed object**

**Table F.5 – ILCDDLE Attribute support**

| Index | Attribute template label   | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|--|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |  |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs                          | {2 9 3 2 7 50}                           | SET OF ObjectClass       | c3            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": communicationsEntityId | {2 9 3 5 7 0}                            | GraphicString            | c3            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": localSapNames          | {2 9 3 5 7 6}                            | SET OF ObjectInstance    | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding                         | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | c3            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 5     | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass                         | {2 9 3 2 7 65}                           | ObjectClass              | c3            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 6     | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState                    | {2 9 3 2 7 35}                           | ENUMERATED               |               |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 7     | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages                            | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | c3            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 8     | providerEntityNames  | {2 15 0 7 11}                            | SET OF ObjectInstance    | c3            |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |

c3: if F.20/1a then o.14 else -

**F.4.1.6 The MAC Data Link Entity managed object**

**Table F.6 – mACDLE Attribute support**

| Index | Attribute template label  | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>allomorphs                          | {2 9 3 2 7 50}                           | SET OF ObjectClass       | c4            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993":<br>communicationsEntityId | {2 9 3 5 7 0}                            | GraphicString            | c4            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993":<br>localSapNames          | {2 9 3 5 7 6}                            | SET OF ObjectInstance    | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>nameBinding                         | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | c4            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 5     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>objectClass                         | {2 9 3 2 7 65}                           | ObjectClass              | c4            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 6     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>operationalState                    | {2 9 3 2 7 35}                           | ENUMERATED               | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 7     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>packages                            | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | c4            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 8     | providerEntityNames   | {2 15 0 7 11}                            | SET OF ObjectInstance    | c4            |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |

c4: if F.21/1a then o.14 else -

**F.4.1.7 The Resource TypeId managed object**

**Table F.7 – resourceTypeId Attribute support**

| Index | Attribute template label                              | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |  | Additional information |
|-------|---|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|--|------------------------|
|       |   |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support |                |  |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>allomorphs  | {2 9 3 2 7 50}                           | SET OF ObjectClass       | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |  |                        |
| 2     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>nameBinding | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |  |                        |
| 3     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>objectClass | {2 9 3 2 7 65}                           | ObjectClass              | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |  |                        |
| 4     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>packages    | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |  |                        |
| 5     | resourceInfo  | {1 2 840 10011 7 2}                      | SEQUENCE                 | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |  |                        |
| 6     | resourceTypeIdName                                    | {1 2 840 10011 7 1}                      | GraphicString            | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |  |                        |

F.4.1.8 The LAPB Single Link Protocol Connection managed object

Table F.8 – sLPCConnection Attribute support

| Index | Attribute template label  | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs                             | {2 9 3 2 7 50}                           | SET OF ObjectClass       | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": connectionId              | {2 9 3 5 7 1}                            | GraphicString            | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | rCSErrorsReceived   | {2 15 0 7 15}                            | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | rRMRsReceived   | {2 15 0 7 1}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 5     | rRMRsSent   | {2 15 0 7 2}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 6     | iFrameDataOctetsReceived  | {2 15 0 7 16}                            | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 7     | iFrameDataOctetsSent  | {2 15 0 7 17}                            | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 8     | iFramesReceived   | {2 15 0 7 3}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 9     | iFramesSent   | {2 15 0 7 4}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 10    | interfaceType   | {2 15 0 7 18}                            | ENUMERATED               | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 11    | k   | {2 15 0 7 19}                            | CHOICE                   | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 12    | n1  | {2 15 0 7 20}                            | INTEGER                  | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 13    | n2  | {2 15 0 7 21}                            | INTEGER                  | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 14    | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding                            | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 15    | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass                            | {2 9 3 2 7 65}                           | ObjectClass              | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 16    | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages                               | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 17    | pollsReceived   | {2 15 0 7 22}                            | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 18    | rEJsReceived  | {2 15 0 7 5}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 19    | rEJsSent  | {2 15 0 7 6}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 20    | rNRsReceived  | {2 15 0 7 7}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 21    | rNRsSent  | {2 15 0 7 8}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 22    | sABMsReceived   | {2 15 0 7 9}                             | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 23    | sABMsSent   | {2 15 0 7 10}                            | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 24    | sLPProtocolState  | {2 15 0 7 23}                            | ENUMERATED               | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 25    | sequenceModulus   | {2 15 0 7 24}                            | INTEGER                  | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 26    | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": supportedConnectionNames  | {2 9 3 5 7 12}                           | SET OF ObjectInstance    | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 27    | t1Timer   | {2 15 0 7 25}                            | SEQUENCE                 | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 28    | t2Timer   | {2 15 0 7 26}                            | SEQUENCE                 | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 29    | t3Timer   | {2 15 0 7 27}                            | SEQUENCE                 | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 30    | t4Timer   | {2 15 0 7 28}                            | SEQUENCE                 | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 31    | timesT1Expired  | {2 15 0 7 29}                            | INTEGER                  | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 32    | timesT3Expired  | {2 15 0 7 30}                            | INTEGER                  | -             |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 33    | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": underlyingConnectionNames | {2 9 3 5 7 14}                           | SET OF ObjectInstance    | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |

F.4.1.9 The LAPB Single Link Protocol Connection Initial Values managed object

Table F.9 – sLPCConnectionIVMO Attribute support

| Index | Attribute template label                           | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|--|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |  |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs  | {2 9 3 2 7 50}                           | SET OF ObjectClass       | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | interfaceType                                      | {2 15 0 7 18}                            | ENUMERATED               | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 3     | k  | {2 15 0 7 19}                            | CHOICE                   | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 4     | n1   | {2 15 0 7 20}                            | INTEGER                  | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 5     | n2   | {2 15 0 7 21}                            | INTEGER                  | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 6     | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 7     | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass | {2 9 3 2 7 65}                           | ObjectClass              | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 8     | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages    | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 9     | sLPCConnectionIVMOld                               | {2 15 0 7 31}                            | GraphicString            | o.14          |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 10    | sequenceModulus                                    | {2 15 0 7 24}                            | INTEGER                  | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 11    | t1Timer  | {2 15 0 7 25}                            | SEQUENCE                 | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 12    | t2Timer  | {2 15 0 7 26}                            | SEQUENCE                 | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 13    | t3Timer  | {2 15 0 7 27}                            | SEQUENCE                 | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |
| 14    | t4Timer  | {2 15 0 7 28}                            | SEQUENCE                 | o.14          |         | o.14   |         | o.14    |         | -      |         | -      |         | o.14           |         |                        |

F.4.1.10 The LAPB Single Link Protocol Machine managed object

Table F.10 – sLPPM Attribute support

| Index | Attribute template label  | Value of object identifier for attribute | Constraints and values   | Set by create |         | Get    |         | Replace |         | Add    |         | Remove |         | Set to default |         | Additional information |
|-------|---|--|--------------------------|---------------|---------|--------|---------|---------|---------|--------|---------|--------|---------|----------------|---------|------------------------|
|       |   |  |                          | Status        | Support | Status | Support | Status  | Support | Status | Support | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": allomorphs                       | {2 9 3 2 7 50}                           | SET OF ObjectClass       | c5            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 2     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993": coProtocolMachineId | {2 9 3 5 7 3}                            | GraphicString            | c5            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 3     | "Rec. X.721   ISO/IEC 10165-2 : 1992": nameBinding                      | {2 9 3 2 7 63}                           | OBJECT IDENTIFIER        | c5            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 4     | "Rec. X.721   ISO/IEC 10165-2 : 1992": objectClass                      | {2 9 3 2 7 65}                           | ObjectClass              | c5            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 5     | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState                 | {2 9 3 2 7 35}                           | ENUMERATED               | -             |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |
| 6     | "Rec. X.721   ISO/IEC 10165-2 : 1992": packages                         | {2 9 3 2 7 66}                           | SET OF OBJECT IDENTIFIER | c5            |         | o.14   |         | -       |         | -      |         | -      |         | -              |         |                        |

c5: if F.23/1a then o.14 else -

**F.4.2 Attribute groups**

The specifier of a manager role implementation that claims to support management operations on the attribute groups specified in this International Standard shall import a copy of the following tables and complete them.

**F.4.2.1 The LAPB Data Link Entity managed object**

**Table F.11 – IAPBDLE Attribute group support**

| Index | Attribute group template label               | Value of object identifier for attribute group | Constraints and values                                  | Get    |         | Set to default |         | Additional information |
|-------|--|--|---|--------|---------|----------------|---------|------------------------|
|       |  |  |   | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": state | {2 9 3 2 8 1}                                  | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState | o.14   |         | -              |         |                        |
| 2     | timers                                       | {2 15 0 8 1}                                   | mT1Timer<br>mT2Timer<br>mT3Timer                        | o.14   |         | o.14           |         |                        |

**F.4.2.2 The LLC Data Link Entity managed object**

**Table F.12 – ILCDLE Attribute group support**

| Index | Attribute group template label               | Value of object identifier for attribute group | Constraints and values                                  | Get    |         | Set to default |         | Additional information |
|-------|--|--|---|--------|---------|----------------|---------|------------------------|
|       |  |  |   | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": state | {2 9 3 2 8 1}                                  | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState | o.14   |         | -              |         |                        |

**F.4.2.3 The MAC Data Link Entity managed object**

**Table F.13 – mACDLE Attribute group support**

| Index | Attribute group template label               | Value of object identifier for attribute group | Constraints and values                                  | Get    |         | Set to default |         | Additional information |
|-------|--|--|---|--------|---------|----------------|---------|------------------------|
|       |  |  |   | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992": state | {2 9 3 2 8 1}                                  | "Rec. X.721   ISO/IEC 10165-2 : 1992": operationalState | o.14   |         | -              |         |                        |

## F.4.2.4 The LAPB Single Link Protocol Connection managed object

Table F.14 – sLPConnection Attribute group support

| Index | Attribute group template label                                  | Value of object identifier for attribute group | Constraints and values   | Get    |         | Set to default |         | Additional information |
|-------|---|--|--|--------|---------|----------------|---------|------------------------|
|       |   |  |  | Status | Support | Status         | Support |                        |
| 1     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993":<br>counters | {2 9 3 5 8 0}                                  | rCSErrorsReceived<br>rRMRsReceived<br>rRMRsSent<br>iFrameDataOctetsReceived<br>iFrameDataOctetsSent<br>iFramesReceived<br>iFramesSent<br>pollsReceived<br>rEJsReceived<br>rEJsSent<br>rNRsReceived<br>rNRsSent<br>sABMsReceived<br>sABMsSent<br>timesT1Expired<br>timerT3Expired (condition) | o.14   |         | -              |         |                        |
| 2     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>state                 | {2 9 3 2 8 1}                                  | sLPProtocolState   | o.14   |         | -              |         |                        |
| 3     | timers  | {2 15 0 8 1}                                   | t1Timer<br>t2Timer<br>t4Timer<br>t3Timer (condition)   | o.14   |         | o.14           |         |                        |

## F.4.2.5 The LAPB Single Link Protocol Connection Initial Values managed object

Table F.15 – sLPConnectionVMO Attribute group support

| Index | Attribute group template label | Value of object identifier for attribute group | Constraints and values                               | Get    |         | Set to default |         | Additional information |
|-------|--------------------------------|--|--|--------|---------|----------------|---------|------------------------|
|       |                                |  |  | Status | Support | Status         | Support |                        |
| 1     | timers                         | {2 15 0 8 1}                                   | t1Timer<br>t2Timer<br>t4Timer<br>t3Timer (condition) | o.14   |         | o.14           |         |                        |

## F.4.2.6 The LAPB Single Link Protocol Machine managed object

Table F.16 – sLPPM Attribute group support

| Index | Attribute group template label                  | Value of object identifier for attribute group | Constraints and values                                     | Get    |         | Set to default |         | Additional information |
|-------|---|--|--|--------|---------|----------------|---------|------------------------|
|       |   |  |  | Status | Support | Status         | Support |                        |
| 1     | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>state | {2 9 3 2 8 1}                                  | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>operationalState | o.14   |         | -              |         |                        |

**F.4.3 Create and delete management operations**

The specifier of a manager role implementation that claims to support the create or delete management operations on the managed objects specified in this International Standard shall import a copy of the following tables and complete them.

**F.4.3.1 The Data Link Service Access Point managed object**

**Table F.17 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | dLSAP MO               | o      |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | dLSAP MO               | o      |         |                        |

**F.4.3.2 The EWMA Metric Monitor managed object**

**Table F.18 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | eWMA Metric Monitor MO | o.14   |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | eWMA Metric Monitor MO | o.14   |         |                        |

**F.4.3.3 The LAPB Data Link Entity managed object**

**Table F.19 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | IAPBDLE MO             | o      |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | IAPBDLE MO             | o      |         |                        |

**F.4.3.4 The LLC Data Link Entity managed object**

**Table F.20 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | ILCDLE MO              | o      |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | ILCDLE MO              | o      |         |                        |

**F.4.3.5 The MAC Data Link Entity managed object**

**Table F.21 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | mACDLE MO              | o      |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | mACDLE MO              | o      |         |                        |

**F.4.3.6 The LAPB Single Link Protocol Connection Initial Values managed object**

**Table F.22 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | sLPConnectionIVMO      | o.14   |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | sLPConnectionIVMO      | o.14   |         |                        |

**F.4.3.7 The LAPB Single Link Protocol Machine managed object**

**Table F.23 — Create and delete support**

| Index | Operation                    | Constraints and values | Status | Support | Additional information |
|-------|------------------------------|------------------------|--------|---------|------------------------|
| 1     | Create support               | sLPPM MO               | o      |         |                        |
| 1.1   | Create with reference object | —                      | —      |         |                        |
| 2     | Delete support               | sLPPM MO               | o      |         |                        |

**F.4.4 Notifications**

The specifier of a manager role implementation that claims to support the notifications specified in this International Standard shall import a copy of this table and complete it.

**Table F.24 – Notification support**

| Index   | Notification type template label                            | Value of object identifier for notification type | Constraints and values    | Status | Support   |          | Additional information | Subindex | Notification field name label  | Value of object identifier of attribute type associated with field | Constraints and values                | Status | Support | Additional information |
|---------|---|--|---------------------------|--------|-----------|----------|------------------------|----------|--------------------------------|--|---------------------------------------|--------|---------|------------------------|
|         |   |  |                           |        | Confirmed | Notified |                        |          |                                |  |                                       |        |         |                        |
| 1       | "Rec. X.721   ISO/IEC 10165-2 : 1992": attributeValueChange | {2 9 3 2 10 1}                                   | -                         | c6     |           |          |                        | 1.1      | AttributeValueChangeInfo       | -  | <b>Information Syntax</b><br>SEQUENCE | c6     |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.1    | sourceIndicator                | {2 9 3 2 7 26}   | ENUMERATED                            | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.2    | attributeIdentifierList        | {2 9 3 2 7 8}  | SET OF AttributeId                    | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.3    | attributeValueChangeDefinition | {2 9 3 2 7 10}   | SET OF SEQUENCE                       | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.3.1  | attributeID                    | -  | AttributeId                           | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.3.2  | oldAttributeValue              | -  | ANY DEFINED BY attributeID            | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.3.3  | newAttributeValue              | -  | ANY DEFINED BY attributeID            | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.4    | notificationIdentifier         | {2 9 3 2 7 16}   | INTEGER                               | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.5    | correlatedNotifications        | {2 9 3 2 7 12}   | SET OF SEQUENCE                       | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.5.1  | correlatedNotifications        | {2 9 3 2 7 12}   | SET OF INTEGER                        | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.5.2  | sourceObjectInst               | -  | ObjectInstance                        | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.6    | additionalText                 | {2 9 3 2 7 7}  | GraphicString                         | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.7    | additionalInformation          | {2 9 3 2 7 6}  | SET OF SEQUENCE                       | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.7.1  | identifier                     | -  | OBJECT IDENTIFIER                     | c:m    |         |                        |
|         |   |  |                           |        |           |          |                        | 1.1.7.2  | significance                   | -  | BOOLEAN                               | c:m    |         |                        |
| 1.1.7.3 | information   | -  | ANY DEFINED BY identifier | c:m    |           |          |                        |          |                                |  |                                       |        |         |                        |

Table F.24 (continued) – Notification support

| Index   | Notification type template label                                | Value of object identifier for notification type | Constraints and values    | Status | Support   |              | Additional information | Subindex | Notification field name label                            | Value of object identifier of attribute type associated with field | Constraints and values                | Status | Support | Additional information |
|---------|---|--|---------------------------|--------|-----------|--------------|------------------------|----------|--|--|---------------------------------------|--------|---------|------------------------|
|         |   |  |                           |        | Confirmed | Nonconfirmed |                        |          |  |  |                                       |        |         |                        |
| 2       | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>objectCreation        | {2 9 3 2 10 6}                                   | -                         | c7     |           |              |                        | 2.1      | ObjectInfo   | -  | <b>Information Syntax</b><br>SEQUENCE | c7     |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.1    | sourceIndicator  | {2 9 3 2 7 26}   | ENUMERATED                            | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.2    | attributeList  | {2 9 3 2 7 9}  | SET OF Attribute                      | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.3    | notificationIdentifier                                   | {2 9 3 2 7 16}   | INTEGER                               | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.4    | correlatedNotifications                                  | {2 9 3 2 7 12}   | SET OF SEQUENCE                       | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.4.1  | correlatedNotifications                                  | {2 9 3 2 7 12}   | SET OF INTEGER                        | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.4.2  | sourceObjectInst   | -  | ObjectInstance                        | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.5    | additionalText   | {2 9 3 2 7 7}  | GraphicString                         | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.6    | additionalInformation                                    | {2 9 3 2 7 6}  | SET OF SEQUENCE                       | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.6.1  | identifier   | -  | OBJECT IDENTIFIER                     | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.6.2  | significance   | -  | BOOLEAN                               | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 2.1.6.3  | information  | -  | ANY DEFINED BY identifier             | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 3        | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>objectDeletion | {2 9 3 2 10 7}   | -                                     | c8     |         |                        |
| 3.1.1   | sourceIndicator   | {2 9 3 2 7 26}                                   | ENUMERATED                | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.2   | attributeList   | {2 9 3 2 7 9}                                    | SET OF Attribute          | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.3   | notificationIdentifier  | {2 9 3 2 7 16}                                   | INTEGER                   | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.4   | correlatedNotifications   | {2 9 3 2 7 12}                                   | SET OF SEQUENCE           | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.4.1 | correlatedNotifications   | {2 9 3 2 7 12}                                   | SET OF INTEGER            | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.4.2 | sourceObjectInst  | -  | ObjectInstance            | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.5   | additionalText  | {2 9 3 2 7 7}                                    | GraphicString             | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.6   | additionalInformation   | {2 9 3 2 7 6}                                    | SET OF SEQUENCE           | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.6.1 | identifier  | -  | OBJECT IDENTIFIER         | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.6.2 | significance  | -  | BOOLEAN                   | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 3.1.6.3 | information   | -  | ANY DEFINED BY identifier | c:m    |           |              |                        |          |  |  |                                       |        |         |                        |
| 4       | "Rec. X.721   ISO/IEC 10165-2 : 1992":<br>qualityOfServiceAlarm | {2 9 3 2 10 11}                                  | -                         | c9     |           |              |                        |          |  |  |                                       |        |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.1    | probableCause  | {2 9 3 2 7 18}   | CHOICE                                | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.1.1  | globalValue  | -  | OBJECT IDENTIFIER                     | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.1.2  | localValue   | -  | INTEGER                               | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.2    | specificProblems   | {2 9 3 2 7 27}   | SET OF CHOICE                         | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.2.1  | OBJECT IDENTIFIER  | -  | OBJECT IDENTIFIER                     | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.2.2  | INTEGER  | -  | INTEGER                               | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.3    | perceivedSeverity  | {2 9 3 2 7 17}   | ENUMERATED                            | c:m    |         |                        |
|         |   |  |                           |        |           |              |                        | 4.1.4    | backedUpStatus   | {2 9 3 2 7 11}   | BOOLEAN                               | c:m    |         |                        |

Table F.24 (continued) – Notification support

| Index | Notification type template label | Value of object identifier for notification type | Constraints and values | Status | Support   |               | Additional information | Subindex      | Notification field name label | Value of object identifier of attribute type associated with field | Constraints and values     | Status | Support | Additional information |
|-------|----------------------------------|--|------------------------|--------|-----------|---------------|------------------------|---------------|-------------------------------|--|----------------------------|--------|---------|------------------------|
|       |                                  |  |                        |        | Confirmed | Non-confirmed |                        |               |                               |  |                            |        |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.5         | backUpObject                  | {2 9 3 2 7 40}   | ObjectInstance             | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.6         | trendIndication               | {2 9 3 2 7 30}   | ENUMERATED                 | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7         | thresholdInfo                 | {2 9 3 2 7 29}   | SEQUENCE                   | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.1       | triggeredThreshold            | -  | AttributeId                | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.2       | observedValue                 | -  | CHOICE                     | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.2.1     | integer                       | -  | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.2.2     | real                          | -  | REAL                       | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3       | thresholdLevel                | -  | CHOICE                     | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1     | up                            | -  | SEQUENCE                   | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1.1   | high                          | -  | CHOICE                     | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1.1.1 | integer                       | -  | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1.1.2 | real                          | -  | REAL                       | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1.2   | low                           | -  | CHOICE                     | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1.2.1 | integer                       | -  | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.1.2.2 | real                          | -  | REAL                       | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2     | down                          | -  | SEQUENCE                   | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2.1   | high                          | -  | CHOICE                     | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2.1.1 | integer                       | -  | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2.1.2 | real                          | -  | REAL                       | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2.2   | low                           | -  | CHOICE                     | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2.2.1 | integer                       | -  | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.3.2.2.2 | real                          | -  | REAL                       | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.7.4       | armTime                       | -  | GeneralizedTime            | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.8         | notificationIdentifier        | {2 9 3 2 7 16}   | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.9         | correlatedNotifications       | {2 9 3 2 7 12}   | SET OF SEQUENCE            | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.9.1       | correlatedNotifications       | {2 9 3 2 7 12}   | SET OF INTEGER             | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.9.2       | sourceObjectInst              | -  | ObjectInstance             | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.10        | stateChangeDefinition         | {2 9 3 2 7 28}   | SET OF SEQUENCE            | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.10.1      | attributeID                   | -  | AttributeId                | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.10.2      | oldAttributeValue             | -  | ANY DEFINED BY attributeID | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.10.3      | newAttributeValue             | -  | ANY DEFINED BY attributeID | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.11        | monitoredAttributes           | {2 9 3 2 7 15}   | SET OF Attribute           | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.12        | proposedRepairActions         | {2 9 3 2 7 19}   | SET OF CHOICE              | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.12.1      | OBJECT IDENTIFIER             | -  | OBJECT IDENTIFIER          | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.12.2      | INTEGER                       | -  | INTEGER                    | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.13        | additionalText                | {2 9 3 2 7 7}  | GraphicString              | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.14        | additionalInformation         | {2 9 3 2 7 6}  | SET OF SEQUENCE            | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.14.1      | identifier                    | -  | OBJECT IDENTIFIER          | c.m    |         |                        |
|       |                                  |  |                        |        |           |               |                        | 4.1.14.2      | significance                  | -  | BOOLEAN                    | c.m    |         |                        |

Table F.24 (continued) – Notification support

| Index | Notification type template label                           | Value of object identifier for notification type | Constraints and values | Status | Support   |              | Additional information | Subindex      | Notification field name label | Value of object identifier of attribute type associated with field | Constraints and values             | Status | Support | Additional information |
|-------|--|--|------------------------|--------|-----------|--------------|------------------------|---------------|-------------------------------|--|------------------------------------|--------|---------|------------------------|
|       |  |  |                        |        | Confirmed | Nonconfirmed |                        |               |                               |  |                                    |        |         |                        |
|       |  |  |                        |        |           |              |                        | 4.1.14.3      | information                   | -  | ANY DEFINED BY identifier          | c:m    |         |                        |
| 5     | "Rec. X.721   ISO/IEC 10165-2 : 1992": communicationsAlarm | {2 9 3 2 10 2}                                   | -                      | c10    |           |              |                        | 5.1           | AlarmInfo                     | -  | <b>Information Syntax SEQUENCE</b> | c10    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.1         | probableCause                 | {2 9 3 2 7 18}   | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.1.1       | globalValue                   | -  | OBJECT IDENTIFIER                  | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.1.2       | localValue                    | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.2         | specificProblems              | {2 9 3 2 7 27}   | SET OF CHOICE                      | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.2.1       | OBJECT IDENTIFIER             | -  | OBJECT IDENTIFIER                  | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.2.2       | INTEGER                       | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.3         | perceivedSeverity             | {2 9 3 2 7 17}   | ENUMERATED                         | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.4         | backedUpStatus                | {2 9 3 2 7 11}   | BOOLEAN                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.5         | backUpObject                  | {2 9 3 2 7 40}   | ObjectInstance                     | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.6         | trendIndication               | {2 9 3 2 7 30}   | ENUMERATED                         | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7         | thresholdInfo                 | {2 9 3 2 7 29}   | SEQUENCE                           | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.1       | triggeredThreshold            | -  | Attributeld                        | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.2       | observedValue                 | -  | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.2.1     | integer                       | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.2.2     | real                          | -  | REAL                               | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3       | thresholdLevel                | -  | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1     | up                            | -  | SEQUENCE                           | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1.1   | high                          | -  | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1.1.1 | integer                       | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1.1.2 | real                          | -  | REAL                               | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1.2   | low                           | -  | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1.2.1 | integer                       | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.1.2.2 | real                          | -  | REAL                               | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2     | down                          | -  | SEQUENCE                           | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2.1   | high                          | -  | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2.1.1 | integer                       | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2.1.2 | real                          | -  | REAL                               | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2.2   | low                           | -  | CHOICE                             | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2.2.1 | integer                       | -  | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.3.2.2.2 | real                          | -  | REAL                               | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.7.4       | armTime                       | -  | GeneralizedTime                    | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.8         | notificationIdentifier        | {2 9 3 2 7 16}   | INTEGER                            | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.9         | correlatedNotifications       | {2 9 3 2 7 12}   | SET OF SEQUENCE                    | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.9.1       | correlatedNotifications       | {2 9 3 2 7 12}   | SET OF INTEGER                     | c:m    |         |                        |
|       |  |  |                        |        |           |              |                        | 5.1.9.2       | sourceObjectInst              | -  | ObjectInstance                     | c:m    |         |                        |

Table F.24 (concluded) – Notification support

| Index | Notification type template label | Value of object identifier for notification type | Constraints and values | Status | Support   |              | Additional information | Subindex | Notification field name label                      | Value of object identifier of attribute type associated with field | Constraints and values     | Status | Support | Additional information |
|-------|----------------------------------|--|------------------------|--------|-----------|--------------|------------------------|----------|--|--|----------------------------|--------|---------|------------------------|
|       |                                  |  |                        |        | Confirmed | Nonconfirmed |                        |          |  |  |                            |        |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.10   | stateChangeDefinition                              | {2 9 3 2 7 28}   | SET OF SEQUENCE            | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.10.1 | attributeID  | -  | AttributeID                | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.10.2 | oldAttributeValue                                  | -  | ANY DEFINED BY attributeID | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.10.3 | newAttributeValue                                  | -  | ANY DEFINED BY attributeID | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.11   | monitoredAttributes                                | {2 9 3 2 7 15}   | SET OF Attribute           | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.12   | proposedRepairActions                              | {2 9 3 2 7 19}   | SET OF CHOICE              | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.12.1 | OBJECT IDENTIFIER                                  | -  | OBJECT IDENTIFIER          | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.12.2 | INTEGER  | -  | INTEGER                    | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.13   | additionalText                                     | {2 9 3 2 7 7}  | GraphicString              | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.14   | additionalInformation                              | {2 9 3 2 7 6}  | SET OF SEQUENCE            | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.14.1 | identifier   | -  | OBJECT IDENTIFIER          | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.14.2 | significance                                       | -  | BOOLEAN                    | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 5.1.14.3 | information  | -  | ANY DEFINED BY identifier  | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6        | "Rec. X.721   ISO/IEC 10165-2 : 1992": stateChange | {2 9 3 2 10 14}  | -                          | c11    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.1    | sourceIndicator                                    | {2 9 3 2 7 26}   | ENUMERATED                 | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.2    | attributeIdentifierList                            | {2 9 3 2 7 8}  | SET OF AttributeID         | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.3    | stateChangeDefinition                              | {2 9 3 2 7 28}   | SET OF SEQUENCE            | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.3.1  | attributeID  | -  | AttributeID                | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.3.2  | oldAttributeValue                                  | -  | ANY DEFINED BY attributeID | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.3.3  | newAttributeValue                                  | -  | ANY DEFINED BY attributeID | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.4    | notificationIdentifier                             | {2 9 3 2 7 16}   | INTEGER                    | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.5    | correlatedNotifications                            | {2 9 3 2 7 12}   | SET OF SEQUENCE            | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.5.1  | correlatedNotifications                            | {2 9 3 2 7 12}   | SET OF INTEGER             | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.5.2  | sourceObjectInst                                   | -  | ObjectInstance             | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.6    | additionalText                                     | {2 9 3 2 7 7}  | GraphicString              | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.7    | additionalInformation                              | {2 9 3 2 7 6}  | SET OF SEQUENCE            | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.7.1  | identifier   | -  | OBJECT IDENTIFIER          | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.7.2  | significance                                       | -  | BOOLEAN                    | c:m    |         |                        |
|       |                                  |  |                        |        |           |              |                        | 6.1.7.3  | information  | -  | ANY DEFINED BY identifier  | c:m    |         |                        |

c6: if E.3/2a then m else -

c7: if E.3/3a or E.3/7a or E.3/10a or E.3/13a or E.3/18a or E.3/20a or E.3/24a then m else -

c8: if E.3/4a or E.3/8a or E.3/11a or E.3/14a or E.3/19a or E.3/21a or E.3/25a then m else -

c9: if E.3/5a then m else -

c10: if E.3/17a then m else -

c11: if E.3/6a or E.3/9a or E.3/12a or E.3/15a or E.3/26a then m else -

### F.4.5 Actions

The specifier of a manager role implementation that claims to support the actions specified in this International Standard shall import a copy of this table and complete it.

**Table F.25 – Action support**

| Index | Action type template label                                      | Value of object identifier for action type | Constraints and values | Status | Support | Additional information | Subindex | Action field name label   | Constraints and values                       | Status | Support | Additional information |
|-------|---|--|------------------------|--------|---------|------------------------|----------|---|--|--------|---------|------------------------|
| 1     | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993":<br>activate | {2 9 3 5 9 0}                              |                        | c12    |         |                        | 1.1      | ActionInfo  | <b>Information Syntax</b><br>SET OF SEQUENCE | c12    |         |                        |
|       |   |  |                        |        |         |                        | 1.1.1    | identifier  | OBJECT IDENTIFIER                            | c:m    |         |                        |
|       |   |  |                        |        |         |                        | 1.1.2    | significance  | BOOLEAN                                      | c:o    |         |                        |
|       |   |  |                        |        |         |                        | 1.1.3    | information   | ANY DEFINED BY identifier                    | c:m    |         |                        |
|       |   |  |                        |        |         |                        | 1.2      | ActionReply   | <b>Reply Syntax</b><br>SET OF SEQUENCE       | c:m    |         |                        |
|       |   |  |                        |        |         |                        | 1.2.1    | identifier  | OBJECT IDENTIFIER                            | c:m    |         |                        |
|       |   |  |                        |        |         |                        | 1.2.2    | significance  | BOOLEAN                                      | c:o    |         |                        |
|       |   |  |                        |        |         |                        | 1.2.3    | information   | ANY DEFINED BY identifier                    | c:m    |         |                        |
|       |   |  |                        |        |         |                        | 2        | "CCITT Rec. X.723 (1993)   ISO/IEC 10165-5 : 1993":<br>deactivate | {2 9 3 5 9 1}                                |        | c13     |                        |
| 2.1.1 | identifier  | OBJECT IDENTIFIER                          | c:m                    |        |         |                        |          |   |  |        |         |                        |
| 2.1.2 | significance  | BOOLEAN                                    | c:o                    |        |         |                        |          |   |  |        |         |                        |
| 2.1.3 | information   | ANY DEFINED BY identifier                  | c:m                    |        |         |                        |          |   |  |        |         |                        |
| 2.2   | ActionReply   | <b>Reply Syntax</b><br>SET OF SEQUENCE     | c:m                    |        |         |                        |          |   |  |        |         |                        |
| 2.2.1 | identifier  | OBJECT IDENTIFIER                          | c:m                    |        |         |                        |          |   |  |        |         |                        |
| 2.2.2 | significance  | BOOLEAN                                    | c:o                    |        |         |                        |          |   |  |        |         |                        |
| 2.2.3 | information   | ANY DEFINED BY identifier                  | c:m                    |        |         |                        |          |   |  |        |         |                        |

c12: if E.3/22a then m else -

c13: if E.3/16a or E.3/23 then m else -

### F.4.6 Parameters

The specifier of a manager role implementation that claims to support the parameters specified in this International Standard shall import a copy of this table and complete it.

**Table F.26 – Parameter support**

| Index | Parameter template label | Value of object identifier for parameter | Constraints and values            | Status | Support | Additional information |
|-------|--------------------------|--|-----------------------------------|--------|---------|------------------------|
| 1     | derivedGaugeNotCurrent   | {1 2 840 10011 5 0}                      | SPECIFIC-ERROR<br>DerivedGauge    | c14    |         |                        |
| 2     | IRMR                     | {2 15 0 5 1}                             | EVENT-INFO<br>communicationsAlarm | c15    |         |                        |

c14: if F.3/5a or F.3/5b or F.3/5c then m else -

c15: if F.17/5a then m else -