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**MANAGED OBJECT CONFORMANCE  
STATEMENTS FOR THE GENERIC  
NETWORK INFORMATION MODEL**

**ITU-T Recommendation M.3101**

(Previously "CCITT Recommendation")

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## FOREWORD

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## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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## **MANAGED OBJECT CONFORMANCE STATEMENTS FOR THE GENERIC NETWORK INFORMATION MODEL**

*(Geneva, 1995)*

### **1 Scope**

This Recommendation defines management conformance requirements of the Generic Network Information Model (GNIM) defined in Recommendation M.3100. This Recommendation does not define conformance requirements for management information that is only referred to in Recommendation M.3100.

### **2 References**

The following Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision: all users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published.

- ITU-T Recommendation M.3100 (1995), *Generic network information model*.
- ITU-T Recommendation Q.821 (1993), *Stage 2 and stage 3 description for the Q3 interface – Alarm surveillance*.
- ITU-T Recommendation X.291 (1995), *OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications – Abstract test suite specification*.
- ITU-T Recommendation X.296 (1996), *OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications – Implementation conformance statement*.
- CCITT Recommendation X.721 (1992), *Information technology – Open Systems Interconnection – Structure of management information: Definition of management information*.
- ITU-T Recommendation X.724 (1993), *Information technology – Open Systems Interconnection – Structure of management information: Requirements and guidelines for implementation conformance statement proformas associated with OSI management*.

### **3 Abbreviations**

For the purposes of this Recommendation, the following abbreviations are used:

- GNIM    Generic Network Information Model
- MCS    Management Conformance Summary
- MOCS    Managed Object Conformance Statement
- MRCS    Managed Relationship Conformance Statement

### **4 Management information conformance requirements**

A Management Conformance Summary (MCS) proforma which conforms to this Recommendation shall be textually identical to the MCS proforma specified in Annex A, differing only in pagination and page headers.

Managed Object Conformance Statement (MOCS) proforma of managed object classes defined in Recommendation M.3100, which conforms to this Recommendation shall be textually identical to the MOCS proforma specified in Annex B, differing only in pagination and page headers.

Managed Relationship Conformance Statement (MRCS) proforma for name bindings defined in Recommendation M.3100, which conforms to this Recommendation shall be textually identical to the MRCS proforma specified in Annex C, differing only in pagination and page headers.

A supplier of a system which conforms to this Recommendation and Recommendation M.3100 shall:

- provide the information necessary to uniquely identify both the supplier and the implementation;
- complete the management conformance summary proforma in Annex A;
- complete the managed object conformance statement proformas in Annex B;
- complete the managed relationship conformance statement proformas in Annex C.

## 5 Structure

The management conformance summary is contained in Annex A. The MCS does not include conformance summary of the deprecated/obsolete managed object classes and name binding that are included in Appendix II/M.3100.

Annex B defines MOCS proformas for those managed object classes that are defined in the main part of Recommendation M.3100, i.e. excluding deprecated/obsolete managed object classes defined in Appendix II/M.3100.

Annex C defines MRCS proformas for name bindings defined in Recommendation M.3100.

Appendix I defines MOCS proformas for deprecated/obsolete managed object classes and name bindings defined in Appendix II/M.3100.

Appendix II defines MRCS proformas for deprecated/obsolete name bindings included in Appendix II/M.3100.

## 6 Additional guidelines

### 6.1 Use of ASN.1 NameType syntax

The NameType syntax is used for naming and is defined as a choice of integer or string syntax. An implementation may use either or both of these alternatives (for different object instances). The use of these syntaxes affect the behaviour of filtered operations.

The supplier of a system which conforms to this Recommendation and Recommendation M.3100 shall, for each attribute using the NameType syntax, indicate the expected result in the “Additional information” column.

## Annex A

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

(This annex forms an integral part of this Recommendation)

### A.1 Introduction

#### A.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 standards that specify conformance requirements to OSI management.

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<sup>1)</sup> Users of this Recommendation 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.

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

### A.1.2 Instructions for completing the MCS proforma to produce the 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.

### A.1.3 Symbols and abbreviations

The following abbreviations are used throughout the proformas of Annexes A, B and C.

m3100InformationModel	{ ccitt(0) recommendation(0) m(13) gnm(3100) informationModel(0) }
m3100ObjectClass	{ m3100InformationModel managedObjectClass(3) }
m3100NameBinding	{ m3100InformationModel nameBinding(6) }
m3100Attribute	{ m3100InformationModel attribute(7) }
m3100Action	{ m3100InformationModel action(9) }
q821InformationModel	{ ccitt(0) recommendation(0) q(17) q821(821) informationModel(0) }
q821Parameter	{ q821InformationModel parameter(9) }
smi2MobjectClass	{ joint-iso-ccitt(2) ms(9) smi(3) part2(2) managedObjectClass(3) }
smi2NameBinding	{ joint-iso-ccitt(2) ms(9) smi(3) part2(2) nameBinding(6) }
smi2AttributeID	{ joint-iso-ccitt(2) ms(9) smi(3) part2(2) attribute(7) }
smi2Notification	{ joint-iso-ccitt(2) ms(9) smi(3) part2(2) notification(10) }

## A.2 Identification of the implementation

### A.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

### A.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.

<sup>2)</sup> Instructions for completing the MCS proforma are specified in Rec. X.724 | ISO/IEC 10165-6, clause 5.

**A.2.3 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.

**A.2.4 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.

**A.3 Identification of the Recommendation 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 Recommendation | International Standard which specifies the management information to which conformance is claimed, in the box below.

Recommendation to which conformance is claimed

**A.3.1 Technical corrigenda implemented**

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



#### A.4 Management conformance summary

The supplier of the implementation shall provide information on whether the implementation claims conformance to any of the set of standards globally representing the implementation under claim. For each standard the supplier of the implementation claims conformance to, the corresponding conformance statement(s) shall be filled in, or referenced by, the MCS. Columns 7 (Support), 8 (Table numbers of PICS/MOCS/MRCS) and 9 (Additional information) are to be filled in by the supplier of the implementation.

The following common notations, defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7 are used for the status value column:

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

Note that “c”, “m”, “o” and “x” are prefixed by a “c:” when nested under a conditional or optional item of the same table.

Note that “o” may be suffixed by “.n” (where “n” is a unique number) for mutually exclusive or selectable options among a set of status values.

The following common notations, defined in Rec. X.724 | ISO/IEC 10165-6 and Rec. X.296 | ISO/IEC 9646-7 are used for the support answer column:

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

See Tables A.1 to A.3.

TABLE A.1/M.3101

#### PICS support summary

Index	Identification of the document including the PICS proforma	Table numbers of PICS proforma	Description	Constraints and values	Status	Support	Table numbers of PICS	Additional information

TABLE A.2/M.3101

**MOCS support summary**

Index	Identification of the document including the MOCS proforma	Table numbers of MOCS proforma	Description	Constraints and values	Status	Support	Table numbers of MOCS	Additional information
1	Rec. M.3101	B.1/M.3101 – B.4/M.3101			o			
2	Rec. M.3101	B.5/M.3101 – B.9/M.3101			o			
3	Rec. M.3101	B.10/M.3101 – B.12/M.3101 B.12A/M.3101			o			
4	Rec. M.3101	B.13/M.3101 – B.17/M.3101			o			
5	Rec. M.3101	B.18/M.3101 – B.22/M.3101			o			
6	Rec. M.3101	B.23/M.3101 – B.27/M.3101			o			
7	Rec. M.3101	B.28/M.3101 – B.32/M.3101			o			
8	Rec. M.3101	B.33/M.3101 – B.35/M.3101			o			
9	Rec. M.3101	B.36/M.3101 – B.40/M.3101			o			
10	Rec. M.3101	B.41/M.3101 – B.45/M.3101			o			
11	Rec. M.3101	B.46/M.3101 – B.50/M.3101			o			
12	Rec. M.3101	B.51/M.3101 – B.54/M.3101			o			
13	Rec. M.3101	B.55/M.3101 – B.58/M.3101 B.58A/M.3101			o			
14	Rec. M.3101	B.59/M.3101 – B.61/M.3101			o			
15	Rec. M.3101	B.62/M.3101 – B.66/M.3101			o			
16	Rec. M.3101	B.67/M.3101 – B.72/M.3101			o			
17	Rec. M.3101	B.73/M.3101 – B.75/M.3101			o			
18	Rec. M.3101	B.76/M.3101 – B.78/M.3101			o			
19	Rec. M.3101	B.79/M.3101 – B.81/M.3101			o			
20	Rec. M.3101	B.82/M.3101 – B.84/M.3101			o			
21	Rec. M.3101	B.85/M.3101 – B.88/M.3101			o			
22	Rec. M.3101	B.89/M.3101 – B.93/M.3101			o			
23	Rec. M.3101	B.94/M.3101 – B.96/M.3101			o			
24	Rec. M.3101	B.97/M.3101 – B.101/M.3101			o			
25	Rec. M.3101	B.102/M.3101 – B.106/M.3101			o			
26	Rec. M.3101	B.107/M.3101 – B.111/M.3101			o			
27	Rec. M.3101	B.112/M.3101 – B.116/M.3101			o			
28	Rec. M.3101	B.117/M.3101 – B.119/M.3101			o			
29	Rec. M.3101	B.120/M.3101 – B.123/M.3101			o			

TABLE A.3/M.3101

**MRCS support summary**

Index	Identification of the document including the MRCS proforma	Table numbers of MRCS proforma	Description	Constraints and values	Status	Support	Table numbers of MRCS	Additional information
1	Rec. M.3101	C.1/M.3101 – C.2/M.3101			o			

**Annex B****MOCS proforma<sup>3)</sup>**

(This annex forms an integral part of this Recommendation)

**B.1 Introduction**

The purpose of this MOCS proforma is to provide a mechanism for a supplier of an implementation which claims conformance to a managed object class to provide conformance information in a standard form.

**B.2 Instructions for completing the MOCS proforma to produce a MOCS<sup>4)</sup>**

The supplier of the implementation shall state which items are supported in the tables and if necessary provide additional information.

The following common notations, defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7 are used for the status value columns:

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

Note that “c”, “m”, “o” and “x” are prefixed by a “c:” when nested under a conditional or optional item of the same table.

Note that “o” may be suffixed by “.n” (where “n” is a unique number) for mutually exclusive or selectable options among a set of status values.

In the status column, the static requirements are stated as follows:

- m for characteristics contained in mandatory packages or in conditional packages if the GDMO condition is always true;
- o for characteristics of conditional packages with GDMO conditions that indicate static optionality, e.g. “if an instance supports it”;
- cn for all other conditions, where “n” is a unique integer and “cn” is a reference to a conditional status expression as defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7. Each condition denoted by “cn” is relative to the containing table;
- x for characteristics explicitly prohibited by the definition;
- for characteristics that are not mentioned by the definition.

<sup>3)</sup> Users of this Recommendation may freely reproduce the MOCS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MOCS.

<sup>4)</sup> Instructions for completing the MOCS proforma are specified in Rec. X.724 | ISO/IEC 10165-6, clause 5.

The following common notations, defined in Rec. X.724 | ISO/IEC 10165-6 and Rec. X.296 | ISO/IEC 9646-7 are used for the support answer columns:

- Y implemented;
- N not implemented;
- no answer required.

### B.3 Statement of conformance to the alarmSeverityAssignmentProfile object class

See Table B.1.

TABLE B.1/M.3101

#### Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	alarmSeverityAssignmentProfile	{m3100ObjectClass 22}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.2.

TABLE B.2/M.3101

#### Actual class support

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

### B.3.1 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.3. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.3/M.3101

#### Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	alarmSeverityAssignmentList	{m3100Attribute 3}		m		m		m	
3.2	alarmSeverityAssignmentProfileId	{m3100Attribute 4}		m		m		x	
3.3	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.4	nameBinding	{smi2AttributeID 63}		o		m		x	
3.5	objectClass	{smi2AttributeID 65}		m		m		x	
3.6	packages	{smi2AttributeID 66}		o		c2		x	

TABLE B.3/M.3101

**Attribute support** (*end*)

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	m		m		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
c1 : IF “if an object supports allomorhism” THEN m ELSE – c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.3.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.3.3 Actions**

There are no actions defined for this object class.

**B.3.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.4. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.4/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	objectCreation	{smi2Notification 6}		o			
4.3	objectDeletion	{smi2Notification 7}		o			

TABLE B.4/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	attributeList	{smi2AttributeID 9}		c:o		
	4.2.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		

**B.3.5 Parameters**

There are no parameters defined for this object class.

**B.4 Statement of conformance to the circuitPack object class**

See Table B.5.

TABLE B.5/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	circuitPack	{m3100ObjectClass 30}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.6.

TABLE B.6/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.4.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.7. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.7/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		m		m		m	
3.2	affectedObjectList	{m3100Attribute 2}		x		o		x	
3.3	alarmSeverityAssignment ProfilePointer	{m3100Attribute 5}		m		m		m	
3.4	alarmStatus	{m3100Attribute 6}		x		m		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.6	availabilityStatus	{smi2AttributeID 33}		x		m		x	
3.7	circuitPackType	{m3100Attribute 54}		m		m		x	
3.8	currentProblemList	{m3100Attribute 17}		x		m		x	
3.9	equipmentId	{m3100Attribute 20}		m		m		x	
3.10	locationName	{m3100Attribute 27}		o		o		o	
3.11	nameBinding	{smi2AttributeID 63}		o		m		x	
3.12	objectClass	{smi2AttributeID 65}		m		m		x	
3.13	operationalState	{smi2AttributeID 35}		x		m		x	
3.14	packages	{smi2AttributeID 66}		o		m		x	
3.15	replaceable	{m3100Attribute 34}		m		m		x	
3.16	userLabel	{m3100Attribute 50}		o		o		o	
3.17	vendorName	{m3100Attribute 51}		o		o		o	
3.18	version	{m3100Attribute 52}		o		o		o	

TABLE B.7/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		
3.18	x		x		x		

c1 : IF “if an object supports allomorphism” THEN m ELSE –

### B.4.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.4.3 Actions

There are no actions defined for this object class.

### B.4.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.8. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.8/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	environmentalAlarm	{smi2Notification 3}		o			
4.4	equipmentAlarm	{smi2Notification 4}		m			
4.5	objectCreation	{smi2Notification 6}		m			
4.6	objectDeletion	{smi2Notification 7}		m			
4.7	processingErrorAlarm	{smi2Notification 10}		o			
4.8	stateChange	{smi2Notification 14}		m			

TABLE B.8/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.3.4	backUpObject	{smi2AttributeID 40}		c:o		



TABLE B.8/M.3101

Notification support (end)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information	
	4.3.5	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.3.6	monitoredAttributes	{smi2AttributeID 15}		c:o			
	4.3.7	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.3.8	perceivedSeverity	{smi2AttributeID 17}		c:m			
	4.3.9	probableCause	{smi2AttributeID 18}		c:m			
	4.3.10	proposedRepairActions	{smi2AttributeID 19}		c:o			
	4.3.11	specificProblems	{smi2AttributeID 27}		c:o			
	4.3.12	stateChangeDefinition	{smi2AttributeID 28}		c:o			
	4.3.13	thresholdInfo	{smi2AttributeID 29}		c:o			
	4.3.14	trendIndication	{smi2AttributeID 30}		c:o			
	4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		o		
		4.4.2	additionalText	{smi2AttributeID 7}		o		
		4.4.3	backedUpStatus	{smi2AttributeID 11}		o		
		4.4.4	backUpObject	{smi2AttributeID 40}		o		
4.4.5		correlatedNotifications	{smi2AttributeID 12}		o			
4.4.6		monitoredAttributes	{smi2AttributeID 15}		o			
4.4.7		notificationIdentifier	{smi2AttributeID 16}		o			
4.4.8		perceivedSeverity	{smi2AttributeID 17}		m			
4.4.9		probableCause	{smi2AttributeID 18}		m			
4.4.10		proposedRepairActions	{smi2AttributeID 19}		o			
4.4.11		specificProblems	{smi2AttributeID 27}		o			
4.4.12		stateChangeDefinition	{smi2AttributeID 28}		o			
4.4.13		thresholdInfo	{smi2AttributeID 29}		o			
4.4.14		trendIndication	{smi2AttributeID 30}		o			
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		o			
	4.5.2	additionalText	{smi2AttributeID 7}		o			
	4.5.3	attributeList	{smi2AttributeID 9}		o			
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		o			
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		o			
	4.5.6	sourceIndicator	{smi2AttributeID 26}		o			
4.6	4.6.1	additionalInformation	{smi2AttributeID 6}		o			
	4.6.2	additionalText	{smi2AttributeID 7}		o			
	4.6.3	attributeList	{smi2AttributeID 9}		o			
	4.6.4	correlatedNotifications	{smi2AttributeID 12}		o			
	4.6.5	notificationIdentifier	{smi2AttributeID 16}		o			
	4.6.6	sourceIndicator	{smi2AttributeID 26}		o			
4.7	4.7.1	additionalInformation	{smi2AttributeID 6}		c:o			
	4.7.2	additionalText	{smi2AttributeID 7}		c:o			
	4.7.3	backedUpStatus	{smi2AttributeID 11}		c:o			
	4.7.4	backUpObject	{smi2AttributeID 40}		c:o			
	4.7.5	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.7.6	monitoredAttributes	{smi2AttributeID 15}		c:o			
	4.7.7	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.7.8	perceivedSeverity	{smi2AttributeID 17}		c:m			
	4.7.9	probableCause	{smi2AttributeID 18}		c:m			
	4.7.10	proposedRepairActions	{smi2AttributeID 19}		c:o			
	4.7.11	specificProblems	{smi2AttributeID 27}		c:o			
	4.7.12	stateChangeDefinition	{smi2AttributeID 28}		c:o			
	4.7.13	thresholdInfo	{smi2AttributeID 29}		c:o			
	4.7.14	trendIndication	{smi2AttributeID 30}		c:o			
4.8	4.8.1	additionalInformation	{smi2AttributeID 6}		o			
	4.8.2	additionalText	{smi2AttributeID 7}		o			
	4.8.3	attributeIdentifierList	{smi2AttributeID 8}		o			
	4.8.4	correlatedNotifications	{smi2AttributeID 12}		o			
	4.8.5	notificationIdentifier	{smi2AttributeID 16}		o			
	4.8.6	sourceIndicator	{smi2AttributeID 26}		o			
	4.8.7	stateChangeDefinition	{smi2AttributeID 28}		m			

**B.4.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.9.

TABLE B.9/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	alarmEffectOnServiceParameter	{m3100Parameter 1}		m		
5.2	correlatedRecordNameParameter	{q821Parameter 2}		m		
5.3	logRecordIdParameter	{q821Parameter 1}		m		
5.4	suspectObjectListParameter	{q821Parameter 3}		m		

**B.5 Statement of conformance to the circuitEndPointSubgroup object class**

See Table B.10.

TABLE B.10/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	circuitEndPointSubgroup	{m3100ObjectClass 31}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.11.

TABLE B.11/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.5.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.12. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.12/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.2	circuitDirectionality	{m3100Attribute 66}		–		m		x	
3.3	circuitEndPointSubgroupId	{m3100Attribute 61}		–		m		x	
3.4	informationTransferCapabilities	{m3100Attribute 65}		–		m		x	
3.5	labelOffFarEndExchange	{m3100Attribute 63}		–		m		x	
3.6	nameBinding	{smi2AttributeID 63}		o		m		x	
3.7	numberOfCircuits	{m3100Attribute 62}		–		m		x	
3.8	objectClass	{smi2AttributeID 65}		m		m		x	
3.9	packages	{smi2AttributeID 66}		o		c2		x	
3.10	signallingCapabilities	{m3100Attribute 64}		–		m		x	
3.11	transmissionCharacteristics	{m3100Attribute 67}		–		m		x	
3.12	userLabel	{m3100Attribute 50}		m		m		m	

TABLE B.12/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		

c1 : IF “if an object supports allomorhism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.5.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.5.3 Actions**

There are no actions defined for this object class.

**B.5.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.12A. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.12A/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	objectCreation	{smi2Notification 6}		o			
4.3	objectDeletion	{smi2Notification 7}		o			

TABLE B.12A/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	attributeList	{smi2AttributeID 9}		c:o		
	4.2.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		

**B.5.5 Parameters**

There are no parameters defined for this object class.

**B.6 Statement of conformance to the connectionR1 object class**

See Table B.13.

TABLE B.13/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	connectionR1	{m3100ObjectClass 23}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.14.

TABLE B.14/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.6.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.15. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.15/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	a-TPInstance	{m3100Attribute 1}		m		m		x	
3.2	administrativeState	{smi2AttributeID 31}		m		m		m	
3.3	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c1		c1		c1	
3.4	alarmStatus	{m3100Attribute 6}		x		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c2		x	
3.6	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.7	clientTrail	{m3100Attribute 10}		o		o		x	
3.8	connectionId	{m3100Attribute 12}		m		m		x	
3.9	currentProblemList	{m3100Attribute 17}		x		o		x	
3.10	directionality	{m3100Attribute 18}		x		m		x	
3.11	nameBinding	{smi2AttributeID 63}		o		m		x	
3.12	objectClass	{smi2AttributeID 65}		m		m		x	
3.13	operationalState	{smi2AttributeID 35}		x		m		x	
3.14	packages	{smi2AttributeID 66}		o		c3		x	
3.15	protected	{m3100Attribute 32}		o		o		x	
3.16	serverTrailList	{m3100Attribute 36}		o		o		x	
3.17	userLabel	{m3100Attribute 50}		o		o		o	
3.18	z-TPInstance	{m3100Attribute 55}		m		m		x	

TABLE B.15/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		
3.18	x		x		x		
c1 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE – c2 : IF “if an object supports allomorphism” THEN m ELSE – c3 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.6.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.6.3 Actions**

There are no actions defined for this object class.

**B.6.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.16. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.16/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	objectCreation	{smi2Notification 6}		o			
4.4	objectDeletion	{smi2Notification 7}		o			
4.5	state Change	{smi2Notification 14}		o			

TABLE B.16/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.6.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.17.

TABLE B.17/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

## B.7 Statement of conformance to the connectionTerminationPointBidirectional object class

See Table B.18.

TABLE B.18/M.3101

### Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	connectionTerminationPointBidirectional	{m3100ObjectClass 5}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.19.

TABLE B.19/M.3101

### Actual class support

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

### B.7.1 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.20. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.20/M.3101

### Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c1		c1		c1	
3.2	alarmStatus	{m3100Attribute 6}		x		o		x	
3.3	allomorpha	{smi2AttributeID 50}		x		c2		x	
3.4	channelNumber	{m3100Attribute 7}		o		o		x	
3.5	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.6	crossConnectionObjectPointer	{m3100Attribute 16}		x		c3		x	
3.7	cTPIId	{m3100Attribute 13}		c4		c4		x	
3.8	currentProblemList	{m3100Attribute 17}		x		o		x	
3.9	downstreamConnectivityPointer	{m3100Attribute 19}		m		m		x	
3.10	nameBinding	{smi2AttributeID 63}		o		m		x	
3.11	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.12	objectClass	{smi2AttributeID 65}		m		m		x	
3.13	operationalState	{smi2AttributeID 35}		x		c5		x	
3.14	packages	{smi2AttributeID 66}		o		c6		x	
3.15	supportedByObjectList	{m3100Attribute 40}		x		m		x	
3.16	upstreamConnectivityPointer	{m3100Attribute 49}		m		m		x	



TABLE B.20/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
c1 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE – c2 : IF “if an object supports allomorphism” THEN m ELSE – c3 : IF “the termination point can be flexibly assigned (i.e. cross connected)” THEN m ELSE – c4 : IF “the name binding used to create an instance of this object class requires this attribute” THEN m ELSE – c5 : IF “the resource represented by this managed object is capable of assessing the ability to generate and/or receive a valid signal” THEN m ELSE – c6 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.7.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.7.3 Actions**

There are no actions defined for this object class.

**B.7.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.21. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.21/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	objectCreation	{smi2Notification 6}		o			
4.4	objectDeletion	{smi2Notification 7}		o			
4.5	stateChange	{smi2Notification 14}		o			

TABLE B.21/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.7.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.22.

TABLE B.22/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.8 Statement of conformance to the connectionTerminationPointSink object class**

See Table B.23.

TABLE B.23/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	connectionTerminationPointSink	{m3100ObjectClass 6}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.24.

TABLE B.24/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.8.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.25. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.25/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c1		c1		c1	
3.2	alarmStatus	{m3100Attribute 6}		x		o		x	
3.3	allomorphs	{smi2AttributeID 50}		x		c2		x	
3.4	channelNumber	{m3100Attribute 7}		o		o		x	
3.5	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.6	crossConnectionObjectPointer	{m3100Attribute 16}		x		c3		x	
3.7	cTPId	{m3100Attribute 13}		c4		c4		x	
3.8	currentProblemList	{m3100Attribute 17}		x		o		x	
3.9	downstreamConnectivityPointer	{m3100Attribute 19}		m		m		x	
3.10	nameBinding	{smi2AttributeID 63}		o		m		x	
3.11	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.12	objectClass	{smi2AttributeID 65}		m		m		x	
3.13	operationalState	{smi2AttributeID 35}		x		c5		x	
3.14	packages	{smi2AttributeID 66}		o		c6		x	
3.15	supportedByObjectList	{m3100Attribute 40}		x		m		x	

TABLE B.25/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
c1 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE – c2 : IF “ if an object supports allomorphism” THEN m ELSE – c3 : IF “the termination point can be flexibly assigned (i.e. cross connected)” THEN m ELSE – c4 : IF “the name binding used to create an instance of this object class requires this attribute” THEN m ELSE – c5 : IF “the resource represented by this managed object is capable of assessing the ability to generate and/or receive a valid signal” THEN m ELSE – c6 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.8.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.8.3 Actions**

There are no actions defined for this object class.

**B.8.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.26. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.26/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	communicationsAlarm	{smi2Notification 2 }		o			
4.3	objectCreation	{smi2Notification 6 }		o			
4.4	objectDeletion	{smi2Notification 7 }		o			
4.5	stateChange	{smi2Notification 14 }		o			

TABLE B.26/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.8.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.27.

TABLE B.27/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

## B.9 Statement of conformance to the connectionTerminationPointSource object class

See Table B.28.

TABLE B.28/M.3101

### Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	connectionTerminationPointSource	{m3100ObjectClass 7}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.29.

TABLE B.29/M.3101

### Actual class support

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

### B.9.1 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.30. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.30/M.3101

### Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c1		c1		c1	
3.2	alarmStatus	{m3100Attribute 6}		x		o		x	
3.3	allomorphs	{smi2AttributeID 50}		x		c2		x	
3.4	channelNumber	{m3100Attribute 7}		o		o		x	
3.5	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.6	crossConnectionObjectPointer	{m3100Attribute 16}		x		c3		x	
3.7	cTPId	{m3100Attribute 13}		c4		c4		x	
3.8	currentProblemList	{m3100Attribute 17}		x		o		x	
3.9	nameBinding	{smi2AttributeID 63}		o		m		x	
3.10	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.11	objectClass	{smi2AttributeID 65}		m		m		x	
3.12	operationalState	{smi2AttributeID 35}		x		c5		x	
3.13	packages	{smi2AttributeID 66}		o		c6		x	
3.14	supportedByObjectList	{m3100Attribute 40}		x		m		x	
3.15	upstreamConnectivityPointer	{m3100Attribute 49}		m		m		x	

TABLE B.30/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
c1 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE – c2 : IF “ if an object supports allomorphism” THEN m ELSE – c3 : IF “the termination point can be flexibly assigned (i.e. cross connected)” THEN m ELSE – c4 : IF “the name binding used to create an instance of this object class requires this attribute” THEN m ELSE – c5 : IF “the resource represented by this managed object is capable of assessing the ability to generate and/or receive a valid signal” THEN m ELSE – c6 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.9.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.9.3 Actions**

There are no actions defined for this object class.

**B.9.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.31. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.31/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	communicationsAlarm	{smi2Notification 2 }		o			
4.3	objectCreation	{smi2Notification 6 }		o			
4.4	objectDeletion	{smi2Notification 7 }		o			
4.5	stateChange	{smi2Notification 14 }		o			

TABLE B.31/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.9.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.32.

TABLE B.32/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		



**B.10 Statement of conformance to the crossConnection object class**

See Table B.33.

TABLE B.33/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	crossConnection	{m3100ObjectClass 15}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.34.

TABLE B.34/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.10.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.35. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.35/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		x		m		m	
3.2	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.3	crossConnectionId	{m3100Attribute 14}		x		m		x	
3.4	directionality	{m3100Attribute 18}		x		m		x	
3.5	fromTermination	{m3100Attribute 23}		x		m		x	
3.6	nameBinding	{smi2AttributeID 63}		x		m		x	
3.7	objectClass	{smi2AttributeID 65}		x		m		x	
3.8	operationalState	{smi2AttributeID 35}		x		m		x	
3.9	packages	{smi2AttributeID 66}		x		c2		x	
3.10	signalType	{m3100Attribute 37}		x		m		x	
3.11	toTermination	{m3100Attribute 43}		x		m		x	

TABLE B.35/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
c1 : IF “if an object supports allomorphism” THEN m ELSE –							
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.10.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.10.3 Actions**

There are no actions defined for this object class.

**B.10.4 Notifications**

There are no notifications defined for this object class.

**B.10.5 Parameters**

There are no parameters defined for this object class.

**B.11 Statement of conformance to the equipment object class**

See Table B.36.

TABLE B.36/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	equipment	{m3100ObjectClass 2}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.37.

TABLE B.37.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.11.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.38. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.38/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		o		o		o	
3.2	affectedObjectList	{m3100Attribute 2}		x		o		x	
3.3	alarmStatus	{m3100Attribute 6}		x		o		x	
3.4	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.5	currentProblemList	{m3100Attribute 17}		x		o		x	
3.6	equipmentId	{m3100Attribute 20}		m		m		x	
3.7	locationName	{m3100Attribute 27}		o		o		o	
3.8	nameBinding	{smi2AttributeID 63}		o		m		x	
3.9	objectClass	{smi2AttributeID 65}		m		m		x	
3.10	operationalState	{smi2AttributeID 35}		x		o		x	
3.11	packages	{smi2AttributeID 66}		o		c2		x	
3.12	replaceable	{m3100Attribute 34}		m		m		x	
3.13	userLabel	{m3100Attribute 50}		o		o		o	
3.14	vendorName	{m3100Attribute 51}		o		o		o	
3.15	version	{m3100Attribute 52}		o		o		o	

TABLE B.38/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		

c1 : IF “if an object supports allomorhism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.11.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.11.3 Actions**

There are no actions defined for this object class.

**B.11.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.39. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.39/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	environmentalAlarm	{smi2Notification 3}		o			
4.4	equipmentAlarm	{smi2Notification 4}		o			
4.5	objectCreation	{smi2Notification 6}		o			
4.6	objectDeletion	{smi2Notification 7}		o			
4.7	processingErrorAlarm	{smi2Notification 10}		o			
4.8	stateChange	{smi2Notification 14}		o			

TABLE B.39/M.3101

**Notification support (continued)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.3.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.3.5	correlatedNotifications	{smi2AttributeID 12}		c:o		

TABLE B.39/M.3101

Notification support (end)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	4.3.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.3.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.3.9	probableCause	{smi2AttributeID 18}		c:m		
	4.3.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.3.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.3.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.3.13	thresholdInfo	{smi2AttributeID 29}		c:o		
4.4	4.3.14	trendIndication	{smi2AttributeID 30}		c:o		
	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.4.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.4.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.4.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.4.9	probableCause	{smi2AttributeID 18}		c:m		
	4.4.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.4.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.4.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.4.13	thresholdInfo	{smi2AttributeID 29}		c:o		
4.4.14	trendIndication	{smi2AttributeID 30}		c:o			
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeList	{smi2AttributeID 9}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.6	4.6.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.6.2	additionalText	{smi2AttributeID 7}		c:o		
	4.6.3	attributeList	{smi2AttributeID 9}		c:o		
	4.6.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.6.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.6.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.7	4.7.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.7.2	additionalText	{smi2AttributeID 7}		c:o		
	4.7.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.7.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.7.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.7.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.7.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.7.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.7.9	probableCause	{smi2AttributeID 18}		c:m		
	4.7.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.7.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.7.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.7.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.7.14	trendIndication	{smi2AttributeID 30}		c:o		
4.8	4.8.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.8.2	additionalText	{smi2AttributeID 7}		c:o		
	4.8.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.8.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.8.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.8.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.8.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.11.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.40.

TABLE B.40/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.12 Statement of conformance to the equipmentHolder object class**

See Table B.41.

TABLE B.41/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	equipmentHolder	{m3100ObjectClass 32}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.42.

TABLE B.42/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.12.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.43. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.43/M.3101

Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	acceptableCircuitPackTypeList	{m3100Attribute 58}		c1		c1		c1	
3.2	administrativeState	{smi2AttributeID 31}		o		o		o	
3.3	affectedObjectList	{m3100Attribute 2}		x		o		x	
3.4	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		o		o		o	
3.5	alarmStatus	{m3100Attribute 6}		x		o		x	
3.6	allomorpha	{smi2AttributeID 50}		x		c2		x	
3.7	currentProblemList	{m3100Attribute 17}		x		o		x	
3.8	equipmentHolderAddress	{m3100Attribute 56}		m		m		x	
3.9	equipmentHolderType	{m3100Attribute 57}		m		m		x	
3.10	equipmentId	{m3100Attribute 20}		m		m		x	
3.11	holderStatus	{m3100Attribute 59}		x		c1		x	
3.12	locationName	{m3100Attribute 27}		o		o		o	
3.13	nameBinding	{smi2AttributeID 63}		o		m		x	
3.14	objectClass	{smi2AttributeID 65}		m		m		x	
3.15	operationalState	{smi2AttributeID 35}		x		o		x	
3.16	packages	{smi2AttributeID 66}		o		c3		x	
3.17	replaceable	{m3100Attribute 34}		m		m		x	
3.18	subordinateCircuitPackSoftwareLoad	{m3100Attribute 60}		c1		c1		c1	
3.19	userLabel	{m3100Attribute 50}		o		o		o	
3.20	vendorName	{m3100Attribute 51}		o		o		o	
3.21	version	{m3100Attribute 52}		o		o		o	

TABLE B.43/M.3101

Attribute support (end)

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	c1		c1		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		
3.18	x		x		x		
3.19	x		x		x		
3.20	x		x		x		
3.21	x		x		x		

c1 : IF “the resource represented by this equipmentHolder instance is allowed to contain a circuit pack” THEN m ELSE –  
c2 : IF “if an object supports allomorpha” THEN m ELSE –  
c3 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.12.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.12.3 Actions**

There are no actions defined for this object class.

**B.12.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.44. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.44/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non-con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	environmentalAlarm	{smi2Notification 3}		o			
4.4	equipmentAlarm	{smi2Notification 4}		o			
4.5	objectCreation	{smi2Notification 6}		o			
4.6	objectDeletion	{smi2Notification 7}		o			
4.7	processingErrorAlarm	{smi2Notification 10}		o			
4.8	stateChange	{smi2Notification 14}		o			

TABLE B.44/M.3101

**Notification support (continued)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	backedUpStatus	{smi2AttributeID 11}		c:o		



TABLE B.44/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information	
	4.3.4	backUpObject	{smi2AttributeID 40}		c:o			
	4.3.5	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.3.6	monitoredAttributes	{smi2AttributeID 15}		c:o			
	4.3.7	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.3.8	perceivedSeverity	{smi2AttributeID 17}		c:m			
	4.3.9	probableCause	{smi2AttributeID 18}		c:m			
	4.3.10	proposedRepairActions	{smi2AttributeID 19}		c:o			
	4.3.11	specificProblems	{smi2AttributeID 27}		c:o			
	4.3.12	stateChangeDefinition	{smi2AttributeID 28}		c:o			
	4.3.13	thresholdInfo	{smi2AttributeID 29}		c:o			
	4.3.14	trendIndication	{smi2AttributeID 30}		c:o			
	4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
		4.4.2	additionalText	{smi2AttributeID 7}		c:o		
		4.4.3	backedUpStatus	{smi2AttributeID 11}		c:o		
4.4.4		backUpObject	{smi2AttributeID 40}		c:o			
4.4.5		correlatedNotifications	{smi2AttributeID 12}		c:o			
4.4.6		monitoredAttributes	{smi2AttributeID 15}		c:o			
4.4.7		notificationIdentifier	{smi2AttributeID 16}		c:o			
4.4.8		perceivedSeverity	{smi2AttributeID 17}		c:m			
4.4.9		probableCause	{smi2AttributeID 18}		c:m			
4.4.10		proposedRepairActions	{smi2AttributeID 19}		c:o			
4.4.11		specificProblems	{smi2AttributeID 27}		c:o			
4.4.12		stateChangeDefinition	{smi2AttributeID 28}		c:o			
4.4.13		thresholdInfo	{smi2AttributeID 29}		c:o			
4.4.14		trendIndication	{smi2AttributeID 30}		c:o			
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o			
	4.5.2	additionalText	{smi2AttributeID 7}		c:o			
	4.5.3	attributeList	{smi2AttributeID 9}		c:o			
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o			
4.6	4.6.1	additionalInformation	{smi2AttributeID 6}		c:o			
	4.6.2	additionalText	{smi2AttributeID 7}		c:o			
	4.6.3	attributeList	{smi2AttributeID 9}		c:o			
	4.6.4	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.6.5	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.6.6	sourceIndicator	{smi2AttributeID 26}		c:o			
4.7	4.7.1	additionalInformation	{smi2AttributeID 6}		c:o			
	4.7.2	additionalText	{smi2AttributeID 7}		c:o			
	4.7.3	backedUpStatus	{smi2AttributeID 11}		c:o			
	4.7.4	backUpObject	{smi2AttributeID 40}		c:o			
	4.7.5	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.7.6	monitoredAttributes	{smi2AttributeID 15}		c:o			
	4.7.7	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.7.8	perceivedSeverity	{smi2AttributeID 17}		c:m			
	4.7.9	probableCause	{smi2AttributeID 18}		c:m			
	4.7.10	proposedRepairActions	{smi2AttributeID 19}		c:o			
	4.7.11	specificProblems	{smi2AttributeID 27}		c:o			
	4.7.12	stateChangeDefinition	{smi2AttributeID 28}		c:o			
	4.7.13	thresholdInfo	{smi2AttributeID 29}		c:o			
	4.7.14	trendIndication	{smi2AttributeID 30}		c:o			
4.8	4.8.1	additionalInformation	{smi2AttributeID 6}		c:o			
	4.8.2	additionalText	{smi2AttributeID 7}		c:o			
	4.8.3	attributeIdentifierList	{smi2AttributeID 8}		c:o			
	4.8.4	correlatedNotifications	{smi2AttributeID 12}		c:o			
	4.8.5	notificationIdentifier	{smi2AttributeID 16}		c:o			
	4.8.6	sourceIndicator	{smi2AttributeID 26}		c:o			
	4.8.7	stateChangeDefinition	{smi2AttributeID 28}		c:m			

**B.12.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.45.

TABLE B.45/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.13 Statement of conformance to the equipmentR1 object class**

See Table B.46.

TABLE B.46/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	equipmentR1	{m3100ObjectClass 28}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.47.

TABLE B.47/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.13.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.48. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.48/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		o		o		o	
3.2	affectedObjectList	{m3100Attribute 2}		x		o		x	
3.3	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		o		o		o	
3.4	alarmStatus	{m3100Attribute 6}		x		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.6	currentProblemList	{m3100Attribute 17}		x		o		x	
3.7	equipmentId	{m3100Attribute 20}		m		m		x	
3.8	locationName	{m3100Attribute 27}		o		o		o	
3.9	nameBinding	{smi2AttributeID 63}		o		m		x	
3.10	objectClass	{smi2AttributeID 65}		m		m		x	
3.11	operationalState	{smi2AttributeID 35}		x		o		x	
3.12	packages	{smi2AttributeID 66}		o		c2		x	
3.13	replaceable	{m3100Attribute 34}		m		m		x	
3.14	serialNumber	{m3100Attribute 69}		x		m		x	
3.15	supportedByObjectList	{m3100Attribute 40}		m		m		m	
3.16	userLabel	{m3100Attribute 50}		o		o		o	
3.17	vendorName	{m3100Attribute 51}		o		o		o	
3.18	version	{m3100Attribute 52}		o		o		o	

TABLE B.48/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	m		m		x		
3.16	x		x		x		
3.17	x		x		x		
3.18	x		x		x		

c1 : IF “if an object supports allomorphism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

### B.13.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.13.3 Actions

There are no actions defined for this object class.

### B.13.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.49. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.49/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	environmentalAlarm	{smi2Notification 3}		o			
4.4	equipmentAlarm	{smi2Notification 4}		o			
4.5	objectCreation	{smi2Notification 6}		o			
4.6	objectDeletion	{smi2Notification 7}		o			
4.7	processingErrorAlarm	{smi2Notification 10}		o			
4.8	stateChange	{smi2Notification 14}		o			

TABLE B.49/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		

TABLE B.49/M.3101

Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.2 (cont.)	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.3.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.3.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.3.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.3.9	probableCause	{smi2AttributeID 18}		c:m		
	4.3.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.3.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.3.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.3.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.3.14	trendIndication	{smi2AttributeID 30}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.4.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.4.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.4.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.4.9	probableCause	{smi2AttributeID 18}		c:m		
	4.4.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.4.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.4.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.4.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.4.14	trendIndication	{smi2AttributeID 30}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeList	{smi2AttributeID 9}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.6	4.6.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.6.2	additionalText	{smi2AttributeID 7}		c:o		
	4.6.3	attributeList	{smi2AttributeID 9}		c:o		
	4.6.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.6.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.6.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.7	4.7.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.7.2	additionalText	{smi2AttributeID 7}		c:o		
	4.7.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.7.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.7.5	correlatedNotifications	{smi2AttributeID 12}		c:o		

TABLE B.49/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.7 (cont.)	4.7.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.7.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.7.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.7.9	probableCause	{smi2AttributeID 18}		c:m		
	4.7.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.7.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.7.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.7.13	thresholdInfo	{smi2AttributeID 29}		c:o		
4.8	4.7.14	trendIndication	{smi2AttributeID 30}		c:o		
	4.8.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.8.2	additionalText	{smi2AttributeID 7}		c:o		
	4.8.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.8.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.8.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.8.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.8.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.13.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.50.

TABLE B.50/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.14 Statement of conformance to the fabric object class**

See Table B.51.

TABLE B.51/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	fabric	{m3100ObjectClass 16}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.52.

TABLE B.52/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.14.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.53. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.53/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		m		m		m	
3.2	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.3	availabilityStatus	{smi2AttributeID 33}		x		m		x	
3.4	fabricId	{m3100Attribute 22}		m		m		x	
3.5	listOfCharacteristicInfo	{m3100Attribute 26}		m		m		x	
3.6	nameBinding	{smi2AttributeID 63}		o		m		x	
3.7	objectClass	{smi2AttributeID 65}		m		m		x	
3.8	operationalState	{smi2AttributeID 35}		x		m		x	
3.9	packages	{smi2AttributeID 66}		o		c2		x	
3.10	supportedByObjectList	{m3100Attribute 40}		m		m		m	

TABLE B.53/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	m		m		x		
c1 : IF “if an object supports allomorhism” THEN m ELSE – c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

### B.14.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.14.3 Actions

The supplier of the implementation shall state whether or not the actions specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.54.

TABLE B.54/M.3101

#### Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
4.1	addTpsToGTP	{m3100Action 1}		m		
4.2	addTpsToTpPool	{m3100Action 2}		m		
4.3	connect	{m3100Action 4}		m		
4.4	disconnect	{m3100Action 5}		m		
4.5	removeTpsFromGTP	{m3100Action 7}		m		
4.6	removeTpsFromTpPool	{m3100Action 8}		m		

### B.14.4 Notifications

There are no notifications defined for this object class.

### B.14.5 Parameters

There are no parameters defined for this object class.

## B.15 Statement of conformance to the fabricR1 object class

See Table B.55.

TABLE B.55/M.3101

#### Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	fabricR1	{m3100ObjectClass 26}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.56.



TABLE B.56/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.15.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.57. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.57/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		m		m		m	
3.2	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.3	availabilityStatus	{smi2AttributeID 33}		x		m		x	
3.4	fabricId	{m3100Attribute 22}		m		m		x	
3.5	listOfCharacteristicInfo	{m3100Attribute 26}		m		m		x	
3.6	nameBinding	{smi2AttributeID 63}		o		m		x	
3.7	objectClass	{smi2AttributeID 65}		m		m		x	
3.8	operationalState	{smi2AttributeID 35}		x		m		x	
3.9	packages	{smi2AttributeID 66}		o		c2		x	
3.10	supportedByObjectList	{m3100Attribute 40}		m		m		m	

TABLE B.57/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	m		m		x		

c1 : IF “if an object supports allomorhism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

### B.15.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.15.3 Actions

The supplier of the implementation shall state whether or not the actions specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.58.

TABLE B.58/M.3101

#### Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
4.1	addTpsToGTP	{m3100Action 1}		m		
4.2	addTpsToTpPool	{m3100Action 2}		m		
4.3	connect	{m3100Action 4}		m		
4.4	disconnect	{m3100Action 5}		m		
4.5	removeTpsFromGTP	{m3100Action 7}		m		
4.6	removeTpsFromTpPool	{m3100Action 8}		m		
4.7	switchOver	{m3100Action 9}		m		

### B.15.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.58A. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.58A/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	objectCreation	{smi2Notification 6}		o			
4.2	objectDeletion	{smi2Notification 7}		o			

TABLE B.58A/M.3101

#### Notification support (end)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeList	{smi2AttributeID 9}		c:o		
	4.1.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	attributeList	{smi2AttributeID 9}		c:o		
	4.2.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.6	sourceIndicator	{smi2AttributeID 26}		c:o		

**B.15.5 Parameters**

There are no parameters defined for this object class.

**B.16 Statement of conformance to the gtp object class**

See Table B.59.

TABLE B.59/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	gtp	{m3100ObjectClass 17}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.60.

TABLE B.60/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.16.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.61. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.61/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	allomorphs	{smi2AttributeID 50}		–		c1		x	
3.2	crossConnectionObject Pointer	{m3100Attribute 16}		–		m		x	
3.3	gtpId	{m3100Attribute 24}		–		m		x	
3.4	nameBinding	{smi2AttributeID 63}		–		m		x	
3.5	objectClass	{smi2AttributeID 65}		–		m		x	
3.6	packages	{smi2AttributeID 66}		–		c2		x	
3.7	signalType	{m3100Attribute 37}		–		m		x	
3.8	tpsInGtpList	{m3100Attribute 45}		–		m		x	

TABLE B.61/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
c1 : IF “if an object supports allomorhism” THEN m ELSE – c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.16.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.16.3 Actions**

There are no actions defined for this object class.

**B.16.4 Notifications**

There are no notifications defined for this object class.

**B.16.5 Parameters**

There are no parameters defined for this object class.

**B.17 Statement of conformance to the managedElement object class**

See Table B.62.

TABLE B.62/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	managedElement	{m3100ObjectClass 3}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.63.

TABLE B.63/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.17.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.64. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.64/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		x		m		m	
3.2	alarmStatus	{m3100Attribute 6}		x		m		x	
3.3	allomorpha	{smi2AttributeID 50}		x		c1		x	
3.4	currentProblemList	{m3100Attribute 17}		x		o		x	
3.5	externalTime	{m3100Attribute 21}		x		o		o	
3.6	locationName	{m3100Attribute 27}		x		o		o	
3.7	managedElementId	{m3100Attribute 28}		x		m		x	
3.8	nameBinding	{smi2AttributeID 63}		x		m		x	
3.9	objectClass	{smi2AttributeID 65}		x		m		x	
3.10	operationalState	{smi2AttributeID 35}		x		m		x	
3.11	packages	{smi2AttributeID 66}		x		c2		x	
3.12	systemTimingSource	{m3100Attribute 41}		x		o		o	
3.13	systemTitle	{smi2AttributeID 5}		x		m		m	
3.14	usageState	{smi2AttributeID 39}		x		m		x	
3.15	userLabel	{m3100Attribute 50}		x		o		o	
3.16	vendorName	{m3100Attribute 51}		x		o		o	
3.17	version	{m3100Attribute 52}		x		o		o	

TABLE B.64/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		

c1 : IF “if an object supports allomorpha” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

### B.17.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.17.3 Actions

The supplier of the implementation shall state whether or not the actions specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.65.

TABLE B.65/M.3101

#### Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
4.1	allowAudibleVisualLocalAlarm	{m3100Action 3}		o		
4.2	inhibitAudibleVisualLocalAlarm	{m3100Action 6}		o		
4.3	resetAudibleAlarm	{q821Action 2}		o		

### B.17.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.66. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.66/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
5.1	attributeValueChange	{smi2Notification 1}		o			
5.2	communicationsAlarm	{smi2Notification 2}		m			
5.3	environmentalAlarm	{smi2Notification 3}		m			
5.4	equipmentAlarm	{smi2Notification 4}		m			
5.5	objectCreation	{smi2Notification 6}		o			
5.6	objectDeletion	{smi2Notification 7}		o			
5.7	processingErrorAlarm	{smi2Notification 10}		m			
5.8	stateChange	{smi2Notification 14}		o			

TABLE B.66/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5.1	5.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.1.2	additionalText	{smi2AttributeID 7}		c:o		
	5.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	5.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	5.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		

TABLE B.66/M.3101

Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5.2	5.2.1	additionalInformation	{smi2AttributeID 6}		o		
	5.2.2	additionalText	{smi2AttributeID 7}		o		
	5.2.3	backedUpStatus	{smi2AttributeID 11}		o		
	5.2.4	backUpObject	{smi2AttributeID 40}		o		
	5.2.5	correlatedNotifications	{smi2AttributeID 12}		o		
	5.2.6	monitoredAttributes	{smi2AttributeID 15}		o		
	5.2.7	notificationIdentifier	{smi2AttributeID 16}		o		
	5.2.8	perceivedSeverity	{smi2AttributeID 17}		m		
	5.2.9	probableCause	{smi2AttributeID 18}		m		
	5.2.10	proposedRepairActions	{smi2AttributeID 19}		o		
	5.2.11	specificProblems	{smi2AttributeID 27}		o		
	5.2.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.2.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.2.14	trendIndication	{smi2AttributeID 30}		o		
5.3	5.3.1	additionalInformation	{smi2AttributeID 6}		o		
	5.3.2	additionalText	{smi2AttributeID 7}		o		
	5.3.3	backedUpStatus	{smi2AttributeID 11}		o		
	5.3.4	backUpObject	{smi2AttributeID 40}		o		
	5.3.5	correlatedNotifications	{smi2AttributeID 12}		o		
	5.3.6	monitoredAttributes	{smi2AttributeID 15}		o		
	5.3.7	notificationIdentifier	{smi2AttributeID 16}		o		
	5.3.8	perceivedSeverity	{smi2AttributeID 17}		m		
	5.3.9	probableCause	{smi2AttributeID 18}		m		
	5.3.10	proposedRepairActions	{smi2AttributeID 19}		o		
	5.3.11	specificProblems	{smi2AttributeID 27}		o		
	5.3.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.3.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.3.14	trendIndication	{smi2AttributeID 30}		o		
5.4	5.4.1	additionalInformation	{smi2AttributeID 6}		o		
	5.4.2	additionalText	{smi2AttributeID 7}		o		
	5.4.3	backedUpStatus	{smi2AttributeID 11}		o		
	5.4.4	backUpObject	{smi2AttributeID 40}		o		
	5.4.5	correlatedNotifications	{smi2AttributeID 12}		o		
	5.4.6	monitoredAttributes	{smi2AttributeID 15}		o		
	5.4.7	notificationIdentifier	{smi2AttributeID 16}		o		
	5.4.8	perceivedSeverity	{smi2AttributeID 17}		m		
	5.4.9	probableCause	{smi2AttributeID 18}		m		
	5.4.10	proposedRepairActions	{smi2AttributeID 19}		o		
	5.4.11	specificProblems	{smi2AttributeID 27}		o		
	5.4.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.4.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.4.14	trendIndication	{smi2AttributeID 30}		o		
5.5	5.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.5.2	additionalText	{smi2AttributeID 7}		c:o		
	5.5.3	attributeList	{smi2AttributeID 9}		c:o		
	5.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		

TABLE B.66/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5.6	5.6.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.6.2	additionalText	{smi2AttributeID 7}		c:o		
	5.6.3	attributeList	{smi2AttributeID 9}		c:o		
	5.6.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.6.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.6.6	sourceIndicator	{smi2AttributeID 26}		c:o		
5.7	5.7.1	additionalInformation	{smi2AttributeID 6}		o		
	5.7.2	additionalText	{smi2AttributeID 7}		o		
	5.7.3	backedUpStatus	{smi2AttributeID 11}		o		
	5.7.4	backUpObject	{smi2AttributeID 40}		o		
	5.7.5	correlatedNotifications	{smi2AttributeID 12}		o		
	5.7.6	monitoredAttributes	{smi2AttributeID 15}		o		
	5.7.7	notificationIdentifier	{smi2AttributeID 16}		o		
	5.7.8	perceivedSeverity	{smi2AttributeID 17}		m		
	5.7.9	probableCause	{smi2AttributeID 18}		m		
	5.7.10	proposedRepairActions	{smi2AttributeID 19}		o		
	5.7.11	specificProblems	{smi2AttributeID 27}		o		
	5.7.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.7.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.7.14	trendIndication	{smi2AttributeID 30}		o		
5.8	5.8.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.8.2	additionalText	{smi2AttributeID 7}		c:o		
	5.8.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	5.8.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.8.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.8.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	5.8.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.17.5 Parameters**

There are no parameters defined for this object class.

**B.18 Statement of conformance to the managedElementR1 object class**

See Table B.67.

TABLE B.67/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	managedElementR1	{m3100ObjectClass 27}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.68.



TABLE B.68/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.18.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.69. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.69/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		x		m		m	
3.2	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		x		o		o	
3.3	alarmStatus	{m3100Attribute 6}		x		m		x	
3.4	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.5	currentProblemList	{m3100Attribute 17}		x		o		x	
3.6	externalTime	{m3100Attribute 21}		x		o		o	
3.7	locationName	{m3100Attribute 27}		x		o		o	
3.8	managedElementId	{m3100Attribute 28}		x		m		x	
3.9	nameBinding	{smi2AttributeID 63}		x		m		x	
3.10	objectClass	{smi2AttributeID 65}		x		m		x	
3.11	operationalState	{smi2AttributeID 35}		x		m		x	
3.12	packages	{smi2AttributeID 66}		x		c2		x	
3.13	systemTimingSource	{m3100Attribute 41}		x		o		o	
3.14	systemTitle	{smi2AttributeID 5}		x		m		m	
3.15	usageState	{smi2AttributeID 39}		x		m		x	
3.16	userLabel	{m3100Attribute 50}		x		o		o	
3.17	vendorName	{m3100Attribute 51}		x		o		o	
3.18	version	{m3100Attribute 52}		x		o		o	

TABLE B.69/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		
3.18	x		x		x		
c1 : IF “if an object supports allomorhism” THEN m ELSE –							
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.18.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.18.3 Actions**

The supplier of the implementation shall state whether or not the actions specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.70.

TABLE B.70/M.3101

**Action support**

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
4.1	allowAudibleVisualLocalAlarm	{m3100Action 3}		o		
4.2	inhibitAudibleVisualLocalAlarm	{m3100Action 6}		o		
4.3	resetAudibleAlarm	{q821Action 2}		o		

**B.18.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.71. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.71/M.3101

Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
5.1	attributeValueChange	{smi2Notification 1 }		o			
5.2	communicationsAlarm	{smi2Notification 2 }		m			
5.3	environmentalAlarm	{smi2Notification 3 }		m			
5.4	equipmentAlarm	{smi2Notification 4 }		m			
5.5	objectCreation	{smi2Notification 6 }		o			
5.6	objectDeletion	{smi2Notification 7 }		o			
5.7	processingErrorAlarm	{smi2Notification 10 }		m			
5.8	stateChange	{smi2Notification 14 }		o			

TABLE B.71/M.3101

Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5.1	5.1.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	5.1.2	additionalText	{smi2AttributeID 7 }		c:o		
	5.1.3	attributeIdentifierList	{smi2AttributeID 8 }		c:o		
	5.1.4	attributeValueChangeDefinition	{smi2AttributeID 10 }		c:m		
	5.1.5	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	5.1.6	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	5.1.7	sourceIndicator	{smi2AttributeID 26 }		c:o		
5.2	5.2.1	additionalInformation	{smi2AttributeID 6 }		o		
	5.2.2	additionalText	{smi2AttributeID 7 }		o		
	5.2.3	backedUpStatus	{smi2AttributeID 11 }		o		
	5.2.4	backUpObject	{smi2AttributeID 40 }		o		
	5.2.5	correlatedNotifications	{smi2AttributeID 12 }		o		
	5.2.6	monitoredAttributes	{smi2AttributeID 15 }		o		
	5.2.7	notificationIdentifier	{smi2AttributeID 16 }		o		
	5.2.8	perceivedSeverity	{smi2AttributeID 17 }		m		
	5.2.9	probableCause	{smi2AttributeID 18 }		m		
	5.2.10	proposedRepairActions	{smi2AttributeID 19 }		o		
	5.2.11	specificProblems	{smi2AttributeID 27 }		o		
	5.2.12	stateChangeDefinition	{smi2AttributeID 28 }		o		
	5.2.13	thresholdInfo	{smi2AttributeID 29 }		o		
	5.2.14	trendIndication	{smi2AttributeID 30 }		o		
5.3	5.3.1	additionalInformation	{smi2AttributeID 6 }		o		
	5.3.2	additionalText	{smi2AttributeID 7 }		o		
	5.3.3	backedUpStatus	{smi2AttributeID 11 }		o		
	5.3.4	backUpObject	{smi2AttributeID 40 }		o		
	5.3.5	correlatedNotifications	{smi2AttributeID 12 }		o		
	5.3.6	monitoredAttributes	{smi2AttributeID 15 }		o		
	5.3.7	notificationIdentifier	{smi2AttributeID 16 }		o		
	5.3.8	perceivedSeverity	{smi2AttributeID 17 }		m		
	5.3.9	probableCause	{smi2AttributeID 18 }		m		
	5.3.10	proposedRepairActions	{smi2AttributeID 19 }		o		
	5.3.11	specificProblems	{smi2AttributeID 27 }		o		

TABLE B.71/M.3101

Notification support (end)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5.3 (cont.)	5.3.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.3.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.3.14	trendIndication	{smi2AttributeID 30}		o		
5.4	5.4.1	additionalInformation	{smi2AttributeID 6}		o		
	5.4.2	additionalText	{smi2AttributeID 7}		o		
	5.4.3	backedUpStatus	{smi2AttributeID 11}		o		
	5.4.4	backUpObject	{smi2AttributeID 40}		o		
	5.4.5	correlatedNotifications	{smi2AttributeID 12}		o		
	5.4.6	monitoredAttributes	{smi2AttributeID 15}		o		
	5.4.7	notificationIdentifier	{smi2AttributeID 16}		o		
	5.4.8	perceivedSeverity	{smi2AttributeID 17}		m		
	5.4.9	probableCause	{smi2AttributeID 18}		m		
	5.4.10	proposedRepairActions	{smi2AttributeID 19}		o		
	5.4.11	specificProblems	{smi2AttributeID 27}		o		
	5.4.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.4.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.4.14	trendIndication	{smi2AttributeID 30}		o		
5.5	5.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.5.2	additionalText	{smi2AttributeID 7}		c:o		
	5.5.3	attributeList	{smi2AttributeID 9}		c:o		
	5.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
5.6	5.6.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.6.2	additionalText	{smi2AttributeID 7}		c:o		
	5.6.3	attributeList	{smi2AttributeID 9}		c:o		
	5.6.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.6.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.6.6	sourceIndicator	{smi2AttributeID 26}		c:o		
5.7	5.7.1	additionalInformation	{smi2AttributeID 6}		o		
	5.7.2	additionalText	{smi2AttributeID 7}		o		
	5.7.3	backedUpStatus	{smi2AttributeID 11}		o		
	5.7.4	backUpObject	{smi2AttributeID 40}		o		
	5.7.5	correlatedNotifications	{smi2AttributeID 12}		o		
	5.7.6	monitoredAttributes	{smi2AttributeID 15}		o		
	5.7.7	notificationIdentifier	{smi2AttributeID 16}		o		
	5.7.8	perceivedSeverity	{smi2AttributeID 17}		m		
	5.7.9	probableCause	{smi2AttributeID 18}		m		
	5.7.10	proposedRepairActions	{smi2AttributeID 19}		o		
	5.7.11	specificProblems	{smi2AttributeID 27}		o		
	5.7.12	stateChangeDefinition	{smi2AttributeID 28}		o		
	5.7.13	thresholdInfo	{smi2AttributeID 29}		o		
	5.7.14	trendIndication	{smi2AttributeID 30}		o		
5.8	5.8.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.8.2	additionalText	{smi2AttributeID 7}		c:o		
	5.8.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	5.8.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.8.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.8.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	5.8.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.18.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.72.

TABLE B.72/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
6.1	correlatedRecordNameParameter	{q821Parameter 2}		m		
6.2	logRecordIdParameter	{q821Parameter 1}		m		
6.3	suspectObjectListParameter	{q821Parameter 3}		m		

**B.19 Statement of conformance to the mpCrossConnection object class**

See Table B.73.

TABLE B.73/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	mpCrossConnection	{m3100ObjectClass 18}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.74.

TABLE B.74/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.19.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in B.75. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.75/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		x		m		m	
3.2	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.3	availabilityStatus	{smi2AttributeID 33}		x		m		x	
3.4	fromTermination	{m3100Attribute 23}		x		m		x	
3.5	mpCrossConnectionId	{m3100Attribute 29}		x		m		x	
3.6	nameBinding	{smi2AttributeID 63}		x		m		x	
3.7	objectClass	{smi2AttributeID 65}		x		m		x	
3.8	operationalState	{smi2AttributeID 35}		x		m		x	
3.9	packages	{smi2AttributeID 66}		x		c2		x	
3.10	signalType	{m3100Attribute 37}		x		m		x	

TABLE B.75/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		

c1 : IF “if an object supports allomorphism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.19.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.19.3 Actions**

There are no actions defined for this object class.

**B.19.4 Notifications**

There are no notifications defined for this object class.

**B.19.5 Parameters**

There are no parameters defined for this object class.

**B.20 Statement of conformance to the namedCrossConnection object class**

See Table B.76.

TABLE B.76/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	namedCrossConnection	{m3100ObjectClass 19}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.77.

TABLE B.77/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.20.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.78. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.78/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		x		m		m	
3.2	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.3	crossConnectionId	{m3100Attribute 14}		x		m		x	
3.4	crossConnectionName	{m3100Attribute 15}		x		m		m	
3.5	directionality	{m3100Attribute 18}		x		m		x	
3.6	fromTermination	{m3100Attribute 23}		x		m		x	
3.7	nameBinding	{smi2AttributeID 63}		x		m		x	
3.8	objectClass	{smi2AttributeID 65}		x		m		x	
3.9	operationalState	{smi2AttributeID 35}		x		m		x	
3.10	packages	{smi2AttributeID 66}		x		c2		x	
3.11	redline	{m3100Attribute 33}		x		m		m	
3.12	signalType	{m3100Attribute 37}		x		m		x	
3.13	toTermination	{m3100Attribute 43}		x		m		x	

TABLE B.78/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
c1 : IF “if an object supports allomorphism” THEN m ELSE – c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.20.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.20.3 Actions**

There are no actions defined for this object class.

**B.20.4 Notifications**

There are no notifications defined for this object class.

**B.20.5 Parameters**

There are no parameters defined for this object class.

**B.21 Statement of conformance to the namedMpCrossConnection object class**

See Table B.79.

TABLE B.79/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	namedMpCrossConnection	{m3100ObjectClass 20}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.80.



TABLE B.80/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.21.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.81. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.81/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		x		m		m	
3.2	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.3	availabilityStatus	{smi2AttributeID 33}		x		m		x	
3.4	crossConnectionName	{m3100Attribute 15}		x		m		m	
3.5	fromTermination	{m3100Attribute 23}		x		m		x	
3.6	mpCrossConnectionId	{m3100Attribute 29}		x		m		x	
3.7	nameBinding	{smi2AttributeID 63}		x		m		x	
3.8	objectClass	{smi2AttributeID 65}		x		m		x	
3.9	operationalState	{smi2AttributeID 35}		x		m		x	
3.10	packages	{smi2AttributeID 66}		x		c2		x	
3.11	redline	{m3100Attribute 33}		x		m		m	
3.12	signalType	{m3100Attribute 37}		x		m		x	

TABLE B.81/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		

c1 : IF “if an object supports allomorphism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.21.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.21.3 Actions**

There are no actions defined for this object class.

**B.21.4 Notifications**

There are no notifications defined for this object class.

**B.21.5 Parameters**

There are no parameters defined for this object class.

**B.22 Statement of conformance to the network object class**

See Table B.82.

TABLE B.82/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	network	{m3100ObjectClass 1}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in TABLE B.83.

TABLE B.83/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.22.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.84. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.84/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.2	nameBinding	{smi2AttributeID 63}		x		m		x	
3.3	networkId	{m3100Attribute 30}		x		m		x	
3.4	objectClass	{smi2AttributeID 65}		x		m		x	
3.5	packages	{smi2AttributeID 66}		x		c2		x	
3.6	userLabel	{m3100Attribute 50}		x		o		o	

TABLE B.84/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
c1 : IF “if an object supports allomorhism” THEN m ELSE – c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.22.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.22.3 Actions**

There are no actions defined for this object class.

**B.22.4 Notifications**

There are no notifications defined for this object class.

**B.22.5 Parameters**

There are no parameters defined for this object class.

**B.23 Statement of conformance to the software object class**

See Table B.85.

TABLE B.85/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	software	{m3100ObjectClass 4}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.86.

TABLE B.86/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.23.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.87. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.87/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		o		o		o	
3.2	affectedObjectList	{m3100Attribute 2}		x		o		x	
3.3	alarmStatus	{m3100Attribute 6}		x		o		x	
3.4	allomorpha	{smi2AttributeID 50}		x		c1		x	
3.5	currentProblemList	{m3100Attribute 17}		x		o		x	
3.6	nameBinding	{smi2AttributeID 63}		o		m		x	
3.7	objectClass	{smi2AttributeID 65}		m		m		x	
3.8	operationalState	{smi2AttributeID 35}		x		o		x	
3.9	packages	{smi2AttributeID 66}		o		c2		x	
3.10	softwareId	{m3100Attribute 38}		m		m		x	
3.11	userLabel	{m3100Attribute 50}		o		o		o	
3.12	vendorName	{m3100Attribute 51}		o		o		o	
3.13	version	{m3100Attribute 52}		o		o		o	

TABLE B.87/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
c1 : IF “if an object supports allomorphism” THEN m ELSE – c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.23.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.23.3 Actions**

There are no actions defined for this object class.

**B.23.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.88. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.88/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	objectCreation	{smi2Notification 6 }		o			
4.3	objectDeletion	{smi2Notification 7 }		o			
4.4	processingErrorAlarm	{smi2Notification 10 }		o			
4.5	stateChange	{smi2Notification 14 }		o			

TABLE B.88/M.3101

Notification support (end)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	attributeList	{smi2AttributeID 9}		c:o		
	4.2.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.4.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.4.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.4.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.4.9	probableCause	{smi2AttributeID 18}		c:m		
	4.4.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.4.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.4.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.4.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.4.14	trendIndication	{smi2AttributeID 30}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.23.5 Parameters**

There are no parameters defined for this object class.

**B.24 Statement of conformance to the softwareR1 object class**

See Table B.89.

TABLE B.89/M.3101  
**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	softwareR1	{m3100ObjectClass 29}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.90.

TABLE B.90/M.3101  
**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.24.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.91. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.91/M.3101  
**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		o		o		o	
3.2	affectedObjectList	{m3100Attribute 2}		x		o		x	
3.3	alarmSeverityAssignment ProfilePointer	{m3100Attribute 5}		o		o		o	
3.4	alarmStatus	{m3100Attribute 6}		x		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.6	currentProblemList	{m3100Attribute 17}		x		o		x	
3.7	nameBinding	{smi2AttributeID 63}		o		m		x	
3.8	objectClass	{smi2AttributeID 65}		m		m		x	
3.9	operationalState	{smi2AttributeID 35}		x		o		x	
3.10	packages	{smi2AttributeID 66}		o		c2		x	
3.11	softwareId	{m3100Attribute 38}		m		m		x	
3.12	userLabel	{m3100Attribute 50}		o		o		o	
3.13	vendorName	{m3100Attribute 51}		o		o		o	
3.14	version	{m3100Attribute 52}		o		o		o	

TABLE B.91/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		

c1 : IF “if an object supports allomorhism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.24.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.24.3 Actions**

There are no actions defined for this object class.

**B.24.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.92. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.92/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	objectCreation	{smi2Notification 6 }		o			
4.3	objectDeletion	{smi2Notification 7 }		o			
4.4	processingErrorAlarm	{smi2Notification 10 }		o			
4.5	stateChange	{smi2Notification 14 }		o			



TABLE B.92/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	attributeList	{smi2AttributeID 9}		c:o		
	4.2.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.4.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.4.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.4.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.4.9	probableCause	{smi2AttributeID 18}		c:m		
	4.4.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.4.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.4.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.4.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.4.14	trendIndication	{smi2AttributeID 30}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.24.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.93.

TABLE B.93/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

## B.25 Statement of conformance to the tpPool object class

See Table B.94

TABLE B.94/M.3101

### Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	tpPool	{m3100ObjectClass 21}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.95.

TABLE B.95/M.3101

### Actual class support

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

### B.25.1 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.96. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.96/M.3101

### Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.2	connectedTpCount	{m3100Attribute 11}		x		m		x	
3.3	idleTpCount	{m3100Attribute 25}		x		m		x	
3.4	nameBinding	{smi2AttributeID 63}		x		m		x	
3.5	objectClass	{smi2AttributeID 65}		x		m		x	
3.6	packages	{smi2AttributeID 66}		x		c2		x	
3.7	totalTpCount	{m3100Attribute 42}		x		m		x	
3.8	tpPoolId	{m3100Attribute 44}		x		m		x	
3.9	tpsInTpPoolList	{m3100Attribute 46}		x		m		x	

TABLE B.96/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
c1 : IF “if an object supports allomorphism” THEN m ELSE –							
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.25.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.25.3 Actions**

There are no actions defined for this object class.

**B.25.4 Notifications**

There are no notifications defined for this object class.

**B.25.5 Parameters**

There are no parameters defined for this object class.

**B.26 Statement of conformance to the trailR1 object class**

See Table B.97.

TABLE B.97/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	trailR1	{m3100ObjectClass 25}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.98.

TABLE B.98/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.26.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.99. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.99/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	a-TPIInstance	{m3100Attribute 1}		m		m		x	
3.2	administrativeState	{smi2AttributeID 31}		m		m		m	
3.3	alarmSeverityAssignmentProfile Pointer	{m3100Attribute 5}		c1		c1		c1	
3.4	alarmStatus	{m3100Attribute 6}		x		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c2		x	
3.6	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.7	clientConnectionList	{m3100Attribute 53}		o		o		x	
3.8	currentProblemList	{m3100Attribute 17}		x		o		x	
3.9	directionality	{m3100Attribute 18}		x		m		x	
3.10	nameBinding	{smi2AttributeID 63}		o		m		x	
3.11	objectClass	{smi2AttributeID 65}		m		m		x	
3.12	operationalState	{smi2AttributeID 35}		x		m		x	
3.13	packages	{smi2AttributeID 66}		o		c3		x	
3.14	protected	{m3100Attribute 32}		o		o		x	
3.15	serverConnectionList	{m3100Attribute 35}		o		o		x	
3.16	trailId	{m3100Attribute 47}		m		m		x	
3.17	userLabel	{m3100Attribute 50}		o		o		o	
3.18	z-TPIInstance	{m3100Attribute 55}		m		m		x	

TABLE B.99/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		
3.18	x		x		x		

c1 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE –  
c2 : IF “if an object supports allomorhism” THEN m ELSE –  
c3 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.26.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.26.3 Actions**

There are no actions defined for this object class.

#### B.26.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.100. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.100/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	communicationsAlarm	{smi2Notification 2 }		o			
4.3	objectCreation	{smi2Notification 6 }		o			
4.4	objectDeletion	{smi2Notification 7 }		o			
4.5	state Change	{smi2Notification 14 }		o			

TABLE B.100/M.3101

**Notification support** (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		

TABLE B.100/M.3101

**Notification support** (end)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.26.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.101.

TABLE B.101/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.27 Statement of conformance to the trailTerminationPointBidirectional object class**

See Table B.102.

TABLE B.102/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	trailTerminationPointBidirectional	{m3100ObjectClass 9}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.103.

TABLE B.103/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.27.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.104. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.104/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		c1		c1		c1	
3.2	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c2		c2		c2	
3.3	alarmStatus	{m3100Attribute 6}		x		o		x	
3.4	allomorphs	{smi2AttributeID 50}		x		c3		x	
3.5	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.6	crossConnectionObjectPointer	{m3100Attribute 16}		x		c4		x	
3.7	currentProblemList	{m3100Attribute 17}		x		o		x	
3.8	downstreamConnectivityPointer	{m3100Attribute 19}		m		m		x	
3.9	nameBinding	{smi2AttributeID 63}		o		m		x	
3.10	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.11	objectClass	{smi2AttributeID 65}		m		m		x	
3.12	operationalState	{smi2AttributeID 35}		x		m		x	
3.13	packages	{smi2AttributeID 66}		o		m		x	
3.14	supportableClientList	{m3100Attribute 39}		c5		c5		x	
3.15	supportedByObjectList	{m3100Attribute 40}		x		m		x	
3.16	tTPId	{m3100Attribute 48}		c6		c6		x	
3.17	upstreamConnectivityPointer	{m3100Attribute 49}		m		m		x	

TABLE B.104/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		

c1 : IF “the resource represented by the managed object is capable of being administratively placed in and out of service” THEN m ELSE –  
c2 IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE –  
c3 : IF “ if an object supports allomorphism” THEN m ELSE –  
c4 : IF “the termination point can be flexibly assigned (i.e. cross connected)” THEN m ELSE –  
c5 : IF “the object class can support more than one type of client” THEN m ELSE –  
c6 : IF “the name binding used to create an instance of this object class requires this attribute” THEN m ELSE –



### B.27.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.27.3 Actions

There are no actions defined for this object class.

### B.27.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.105. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.105/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	communicationsAlarm	{smi2Notification 2 }		o			
4.3	objectCreation	{smi2Notification 6 }		o			
4.4	objectDeletion	{smi2Notification 7 }		o			
4.5	stateChange	{smi2Notification 14 }		o			

TABLE B.105/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	4.1.2	additionalText	{smi2AttributeID 7 }		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8 }		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10 }		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26 }		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	4.2.2	additionalText	{smi2AttributeID 7 }		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11 }		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40 }		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15 }		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17 }		c:m		
	4.2.9	probableCause	{smi2AttributeID 18 }		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19 }		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27 }		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28 }		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29 }		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30 }		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	4.3.2	additionalText	{smi2AttributeID 7 }		c:o		
	4.3.3	attributeList	{smi2AttributeID 9 }		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26 }		c:o		

TABLE B.105/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.27.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.106.

TABLE B.106/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.28 Statement of conformance to the trailTerminationPointSink object class**

See Table B.107.

TABLE B.107/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	trailTerminationPointSink	{m3100ObjectClass 10}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.108.

TABLE B.108/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

### B.28.1 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.109. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.109/M.3101

#### Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		c1		c1		c1	
3.2	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c2		c2		c2	
3.3	alarmStatus	{m3100Attribute 6}		x		o		x	
3.4	allomorphs	{smi2AttributeID 50}		x		c3		x	
3.5	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.6	crossConnectionObjectPointer	{m3100Attribute 16}		x		c4		x	
3.7	currentProblemList	{m3100Attribute 17}		x		o		x	
3.8	nameBinding	{smi2AttributeID 63}		o		m		x	
3.9	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.10	objectClass	{smi2AttributeID 65}		m		m		x	
3.11	operationalState	{smi2AttributeID 35}		x		m		x	
3.12	packages	{smi2AttributeID 66}		o		m		x	
3.13	supportableClientList	{m3100Attribute 39}		c5		c5		x	
3.14	supportedByObjectList	{m3100Attribute 40}		x		m		x	
3.15	rTPIID	{m3100Attribute 48}		c6		c6		x	
3.16	upstreamConnectivityPointer	{m3100Attribute 49}		m		m		x	

TABLE B.109/M.3101

#### Attribute support (end)

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
c1 : IF “the resource represented by the managed object is capable of being administratively placed in and out of service” THEN m ELSE – c2 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE – c3 : IF “ if an object supports allomorphism” THEN m ELSE – c4 : IF “the termination point can be flexibly assigned (i.e. cross connected)” THEN m ELSE – c5 : IF “the object class can support more than one type of client” THEN m ELSE – c6 : IF “the name binding used to create an instance of this object class requires this attribute” THEN m ELSE –							

### B.28.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.28.3 Actions

There are no actions defined for this object class.

### B.28.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.110. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.110/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1 }		o			
4.2	communicationsAlarm	{smi2Notification 2 }		o			
4.3	objectCreation	{smi2Notification 6 }		o			
4.4	objectDeletion	{smi2Notification 7 }		o			
4.5	stateChange	{smi2Notification 14 }		o			

TABLE B.110/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	4.1.2	additionalText	{smi2AttributeID 7 }		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8 }		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10 }		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26 }		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	4.2.2	additionalText	{smi2AttributeID 7 }		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11 }		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40 }		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15 }		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17 }		c:m		
	4.2.9	probableCause	{smi2AttributeID 18 }		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19 }		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27 }		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28 }		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29 }		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30 }		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6 }		c:o		
	4.3.2	additionalText	{smi2AttributeID 7 }		c:o		
	4.3.3	attributeList	{smi2AttributeID 9 }		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12 }		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16 }		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26 }		c:o		

TABLE B.110/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.28.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.111.

TABLE B.111/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.29 Statement of conformance to the trailTerminationPointSource object class**

See Table B.112.

TABLE B.112/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	trailTerminationPointSource	{m3100ObjectClass 11}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.113.

TABLE B.113/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.29.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.114. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.114/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	administrativeState	{smi2AttributeID 31}		c1		c1		c1	
3.2	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		c2		c2		c2	
3.3	alarmStatus	{m3100Attribute 6}		–		o		x	
3.4	allomorphs	{smi2AttributeID 50}		x		c3		x	
3.5	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.6	crossConnectionObjectPointer	{m3100Attribute 16}		–		c4		x	
3.7	currentProblemList	{m3100Attribute 17}		–		o		x	
3.8	downstreamConnectivityPointer	{m3100Attribute 19}		m		m		x	
3.9	nameBinding	{smi2AttributeID 63}		–		m		x	
3.10	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.11	objectClass	{smi2AttributeID 65}		–		m		x	
3.12	operationalState	{smi2AttributeID 35}		–		m		x	
3.13	packages	{smi2AttributeID 66}		–		m		x	
3.14	supportableClientList	{m3100Attribute 39}		m		c5		x	
3.15	supportedByObjectList	{m3100Attribute 40}		–		m		x	
3.16	tTPId	{m3100Attribute 48}		m		c6		x	

TABLE B.114/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		

c1 : IF “the resource represented by the managed object is capable of being administratively placed in and out of service” THEN m ELSE –  
c2 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE –  
c3 : IF “if an object supports allomorhism” THEN m ELSE –  
c4 : IF “the termination point can be flexibly assigned (i.e. cross connected)” THEN m ELSE –  
c5 : IF “the object class can support more than one type of client” THEN m ELSE –  
c6 : IF “the name binding used to create an instance of this object class requires this attribute” THEN m ELSE –

### B.29.2 Attribute groups

There are no attribute groups defined for the managed object class.

### B.29.3 Actions

There are no actions defined for this object class.

### B.29.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.115. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.115/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	objectCreation	{smi2Notification 6}		o			
4.4	objectDeletion	{smi2Notification 7}		o			
4.5	state Change	{smi2Notification 14}		o			

TABLE B.115/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		

TABLE B.115/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**B.29.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.116.

TABLE B.116/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**B.30 Statement of conformance to the networkR1 object class**

See Table B.117.

TABLE B.117/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	networkR1	{m3100ObjectClass 33}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.118.



TABLE B.118/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.30.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.119. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.119/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.2	nameBinding	{smi2AttributeID 63}		x		m		x	
3.3	networkId	{m3100Attribute 30}		x		m		x	
3.4	objectClass	{smi2AttributeID 65}		x		m		x	
3.5	packages	{smi2AttributeID 66}		x		c2		x	
3.6	systemTitle	{smi2AttributeID 5}		x		m		m	
3.7	userLabel	{m3100Attribute 50}		x		o		o	

TABLE B.119/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		

c1 : IF “ if an object supports allomorhism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**B.30.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.30.3 Actions**

There are no actions defined for this object class.

**B.30.4 Notifications**

There are no notifications defined for this object class.

**B.30.5 Parameters**

There are no parameters defined for this object class.

**B.31 Statement of conformance to the managedElementComplex object class**

See Table B.120.

TABLE B.120/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	managedElementComplex	{m3100ObjectClass 34}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table B.121.

TABLE B.121/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**B.31.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.122. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE B.122/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	allomorpha	{smi2AttributeID 50}		x		c1		x	
3.2	managedElementComplexId	{m3100Attribute 68}		x		m		x	
3.3	nameBinding	{smi2AttributeID 63}		x		m		x	
3.4	objectClass	{smi2AttributeID 65}		x		m		x	
3.5	packages	{smi2AttributeID 66}		x		c2		x	
3.6	systemTitle	{smi2AttributeID 5}		x		m		m	

TABLE B.122/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
c1 : IF “ if an object supports allomorphism” THEN m ELSE –							
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**B.31.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**B.31.3 Actions**

There are no actions defined for the managed object class.

**B.31.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table B.123. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE B.123/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con-confirmed	Non-con-confirmed	
5.1	objectCreation	{smi2Notification 6}		o			
5.2	objectDeletion	{smi2Notification 7}		o			

TABLE B.123/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5.1	5.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.1.2	additionalText	{smi2AttributeID 7}		c:o		
	5.1.3	attributeList	{smi2AttributeID 9}		c:o		
	5.1.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.1.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.1.6	sourceIndicator	{smi2AttributeID 26}		c:o		
5.2	5.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	5.2.2	additionalText	{smi2AttributeID 7}		c:o		
	5.2.3	attributeList	{smi2AttributeID 9}		c:o		
	5.2.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	5.2.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	5.2.6	sourceIndicator	{smi2AttributeID 26}		c:o		

**B.31.5 Parameters**

There are no parameters defined for this object class.

## Annex C

### MRCS proforma<sup>5)</sup>

(This annex forms an integral part of this Recommendation)

#### C.1 Introduction

The purpose of this MRCS proforma is to provide a mechanism for a supplier of an implementation which claims conformance to a managed object class to provide conformance information in a standard form.

#### C.2 Instructions for completing the MRCS proforma to produce a MRCS<sup>6)</sup>

The supplier of the implementation shall state which items are supported in the tables and if necessary provide additional information.

The following common notations, defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7 are used for the status value columns:

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

Note that “c”, “m”, “o” and “x” are prefixed by a “c:” when nested under a conditional or optional item of the same table.

Note that “o” may be suffixed by “.n” (where “n” is a unique number) for mutually exclusive or selectable options among a set of status values.

In the status column, the static requirements are stated as follows:

- m for characteristics contained in mandatory packages or in conditional packages if the GDMO condition is always true;
- o for characteristics of conditional packages with GDMO conditions that indicate static optionality, e.g. “if an instance supports it”;
- cn for all other conditions, where “n” is a unique integer and “cn” is a reference to a conditional status expression as defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7. Each condition denoted by “cn” is relative to the containing table;
- x for characteristics explicitly prohibited by the definition;
- for characteristics that are not mentioned by the definition.

The following common notations, defined in Rec. X.724 | ISO/IEC 10165-6 and Rec. X.296 | ISO/IEC 9646-7 are used for the support answer columns:

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

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<sup>5)</sup> Users of this Recommendation may freely reproduce the MRCS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MRCS.

<sup>6)</sup> Instructions for completing the MRCS proforma are specified in Rec. X.724 | ISO/IEC 10165-6, clause 5.

### C.3 Name binding support

The second part may only contain status values other than “x”, i.e. not applicable, for name bindings that may be used for creation or deletion of managed object through management operations. Hence, the second part of Table C.1 only show name bindings for which at least one of the status values are different from “x”. See also Table C.2.

TABLE C.1/M.3101

#### Name binding support

Index	Attribute binding template label	Value of object identifier for name attribute	Constraints and values	Status	Support	Additional information
1	alarmSeverityAssignment-managedElement	{m3100NameBinding 1}		o		
2	circuitPack-equipmentHolder-autoCreated	{m3100NameBinding 32}		o		
3	circuitPack-equipmentHolder-explicitlyCreated	{m3100NameBinding 33}		o		
4	connectionR1-network	{m3100NameBinding 25}		o		
5	connectionTerminationPointSource-trailTerminationPointSource	{m3100NameBinding 3}		o		
6	connectionTerminationPointSource-trailTerminationPointBidirectional	{m3100NameBinding 4}		o		
7	connectionTerminationPointSink-trailTerminationPointBidirectional	{m3100NameBinding 6}		o		
8	crossConnection-fabric	{m3100NameBinding 7}		o		
9	crossConnection-mpCrossConnection	{m3100NameBinding 8}		o		
10	equipment-managedElement	{m3100NameBinding 9}		o		
11	equipment-equipment	{m3100NameBinding 10}		o		
12	equipmentHolder-EquipmentHolder	{m3100NameBinding 31}		o		
13	eventForwardingDiscriminator-managedElement	{m3100NameBinding 11}		o		
14	fabric-managedElement	{m3100NameBinding 12}		o		
15	gtp-fabric	{m3100NameBinding 13}		o		
16	log-managedElement	{m3100NameBinding 14}		o		
17	managedElement-network	{m3100NameBinding 15}		o		
18	managedElement-organization	{m3100NameBinding 27}		o		
19	managedElement-organizationalUnit	{m3100NameBinding 28}		o		
20	mpCrossConnection-fabric	{m3100NameBinding 16}		o		
21	network-network	{m3100NameBinding 17}		o		
22	network-organization	{m3100NameBinding 29}		o		
23	network-organizationalUnit	{m3100NameBinding 30}		o		
24	software-equipment	{m3100NameBinding 18}		o		
25	software-software	{m3100NameBinding 19}		o		
26	software-managedElement	{m3100NameBinding 20}		o		
27	tpPool-fabric	{m3100NameBinding 21}		o		
28	trailR1-network	{m3100NameBinding 26}		o		
29	trailTerminationPointSource-managedElement	{m3100NameBinding 23}		o		
30	trailTerminationPointSink-managedElement	{m3100NameBinding 24}		o		
31	managedElement-managedElementComplex	{m3100NameBinding 34}		o		
32	managedElementComplex-organization	{m3100NameBinding 35}		o		
33	managedElementComplex-organizationalUnit	{m3100NameBinding 36}		o		

TABLE C.1/M.3101

Name binding support (continued)

Index	Sub-index	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		c:m		
	1.1.1	Create with reference object		c:m		
	1.1.2	Create with automatic instance naming		c:m		
	1.2	Delete support		c:m		
	1.2.1	Delete only if no contained objects		c:x		
	1.2.2	Delete contained objects		c:x		
2	2.1	Create support		c:m		
	2.1.1	Create with reference object		c:m		
	2.1.2	Create with automatic instance naming		c:m		
	2.2	Delete support		c:m		
	2.2.1	Delete only if no contained objects		c:m		
	2.2.2	Delete contained objects		c:x		
4	4.1	Create support		c:m		
	4.1.1	Create with reference object		c:x		
	4.1.2	Create with automatic instance naming		c:x		
	4.2	Delete support		c:m		
	4.2.1	Delete only if no contained objects		c:x		
	4.2.2	Delete contained objects		c:x		
5	5.1	Create support		c:m		
	5.1.1	Create with reference object		c:m		
	5.1.2	Create with automatic instance naming		c:m		
	5.2	Delete support		c:m		
	5.2.1	Delete only if no contained objects		c:x		
	5.2.2	Delete contained objects		c:x		
6	6.1	Create support		c:m		
	6.1.1	Create with reference object		c:m		
	6.1.2	Create with automatic instance naming		c:m		
	6.2	Delete support		c:m		
	6.2.1	Delete only if no contained objects		c:x		
	6.2.2	Delete contained objects		c:x		
7	7.1	Create support		c:m		
	7.1.1	Create with reference object		c:m		
	7.1.2	Create with automatic instance naming		c:m		
	7.2	Delete support		c:m		
	7.2.1	Delete only if no contained objects		c:x		
	7.2.2	Delete contained objects		c:x		
8	8.1	Create support		c:x		
	8.1.1	Create with reference object		c:x		
	8.1.2	Create with automatic instance naming		c:x		
	8.2	Delete support		c:m		
	8.2.1	Delete only if no contained objects		c:x		
	8.2.2	Delete contained objects		c:x		
9	9.1	Create support		c:x		
	9.1.1	Create with reference object		c:x		
	9.1.2	Create with automatic instance naming		c:x		
	9.2	Delete support		c:m		
	9.2.1	Delete only if no contained objects		c:x		
	9.2.2	Delete contained objects		c:x		
10	10.1	Create support		c:m		
	10.1.1	Create with reference object		c:m		
	10.1.2	Create with automatic instance naming		c:m		
	10.2	Delete support		c:m		
	10.2.1	Delete only if no contained objects		c:x		
	10.2.2	Delete contained objects		c:x		
11	11.1	Create support		c:m		
	11.1.1	Create with reference object		c:m		
	11.1.2	Create with automatic instance naming		c:m		
	11.2	Delete support		c:m		
	11.2.1	Delete only if no contained objects		c:x		
	11.2.2	Delete contained objects		c:x		

TABLE C.1/M.3101

## Name binding support (end)

Index	Sub-index	Operation	Constraints and values	Status	Support	Additional information
12	12.1	Create support		c:m		
	12.1.1	Create with reference object		c:m		
	12.1.2	Create with automatic instance naming		c:m		
	12.2	Delete support		c:m		
	12.2.1	Delete only if no contained objects		c:m		
	12.2.2	Delete contained objects		c:x		
13	13.1	Create support		c:m		
	13.1.1	Create with reference object		c:m		
	13.1.2	Create with automatic instance naming		c:m		
	13.2	Delete support		c:m		
	13.2.1	Delete only if no contained objects		c:x		
	13.2.2	Delete contained objects		c:x		
14	14.1	Create support		c:x		
	14.1.1	Create with reference object		c:x		
	14.1.2	Create with automatic instance naming		c:x		
	14.2	Delete support		c:m		
	14.2.1	Delete only if no contained objects		c:x		
	14.2.2	Delete contained objects		c:x		
16	16.1	Create support		c:m		
	16.1.1	Create with reference object		c:m		
	16.1.2	Create with automatic instance naming		c:m		
	16.2	Delete support		c:m		
	16.2.1	Delete only if no contained objects		c:x		
	16.2.2	Delete contained objects		c:x		
24	24.1	Create support		c:m		
	24.1.1	Create with reference object		c:m		
	24.1.2	Create with automatic instance naming		c:m		
	24.2	Delete support		c:m		
	24.2.1	Delete only if no contained objects		c:x		
	24.2.2	Delete contained objects		c:x		
25	25.1	Create support		c:m		
	25.1.1	Create with reference object		c:m		
	25.1.2	Create with automatic instance naming		c:m		
	25.2	Delete support		c:m		
	25.2.1	Delete only if no contained objects		c:x		
	25.2.2	Delete contained objects		c:x		
26	26.1	Create support		c:m		
	26.1.1	Create with reference object		c:m		
	26.1.2	Create with automatic instance naming		c:m		
	26.2	Delete support		c:m		
	26.2.1	Delete only if no contained objects		c:x		
	26.2.2	Delete contained objects		c:x		
28	28.1	Create support		c:m		
	28.1.1	Create with reference object		c:m		
	28.1.2	Create with automatic instance naming		c:m		
	28.2	Delete support		c:m		
	28.2.1	Delete only if no contained objects		c:x		
	28.2.2	Delete contained objects		c:x		
29	29.1	Create support		c:m		
	29.1.1	Create with reference object		c:m		
	29.1.2	Create with automatic instance naming		c:m		
	29.2	Delete support		c:m		
	29.2.1	Delete only if no contained objects		c:x		
	29.2.2	Delete contained objects		c:x		
30	30.1	Create support		c:m		
	30.1.1	Create with reference object		c:m		
	30.1.2	Create with automatic instance naming		c:m		
	30.2	Delete support		c:m		
	30.2.1	Delete only if no contained objects		c:x		
	30.2.2	Delete contained objects		c:x		

TABLE C.2/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
3.1	createErrorParameter	{m3100Parameter 2}		o		
12.1	createErrorParameter	{m3100Parameter 2}		o		

**Appendix I****MOCS proforma<sup>7)</sup>**

(This appendix does not form an integral part of this Recommendation)

**I.1 Introduction**

The purpose of this MOCS proforma is to provide a mechanism for a supplier of an implementation which claims conformance to a managed object class to provide conformance information in a standard form.

**I.2 Instructions for completing the MOCS proforma to produce a MOCS<sup>8)</sup>**

The supplier of the implementation shall state which items are supported in the tables and if necessary provide additional information.

The following common notations, defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7 are used for the status value columns:

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

Note that “c”, “m”, “o” and “x” are prefixed by a “c:” when nested under a conditional or optional item of the same table.

Note that “o” may be suffixed by “.n” (where “n” is a unique number) for mutually exclusive or selectable options among a set of status values.

In the status column, the static requirements are stated as follows:

- m for characteristics contained in mandatory packages or in conditional packages if the GDMO condition is always true;
- o for characteristics of conditional packages with GDMO conditions that indicate static optionality, e.g. “if an instance supports it”;

<sup>7)</sup> Users of this Recommendation may freely reproduce the MOCS proforma in this appendix so that it can be used for its intended purpose, and may further publish the completed MOCS.

<sup>8)</sup> Instructions for completing the MOCS proforma are specified in Rec. X.724 | ISO/IEC 10165-6, clause 5.



- cn for all other conditions, where “n” is a unique integer and “cn” is a reference to a conditional status expression as defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7. Each condition denoted by “cn” is relative to the containing table;
- x for characteristics explicitly prohibited by the definition;
- for characteristics that are not mentioned by the definition.

The following common notations, defined in Rec. X.724 | ISO/IEC 10165-6 and Rec. X.296 | ISO/IEC 9646-7 are used for the support answer columns:

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

### I.3 Statement of conformance to the connection object class

See Table I.1.

TABLE I.1/M.3101

#### Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	connection	{m3100ObjectClass 12}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table I.2.

TABLE I.2/M.3101

#### Actual class support

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

#### I.3.1 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table I.3. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE I.3/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	a-TPInstance	{m3100Attribute 1}		–		m		x	
3.2	administrativeState	{smi2AttributeID 31}		m		m		m	
3.3	alarmSeverityAssignment ProfilePointer	{m3100Attribute 5}		o		o		o	
3.4	alarmStatus	{m3100Attribute 6}		–		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.6	characteristicInformation	{m3100Attribute 8}		–		o		x	
3.7	clientTrail	{m3100Attribute 10}		–		o		x	
3.8	connectionId	{m3100Attribute 12}		–		m		x	
3.9	currentProblemList	{m3100Attribute 17}		–		o		x	
3.10	directionality	{m3100Attribute 18}		–		m		x	
3.11	nameBinding	{smi2AttributeID 63}		–		m		x	
3.12	objectClass	{smi2AttributeID 65}		–		m		x	
3.13	operationalState	{smi2AttributeID 35}		–		m		x	
3.14	packages	{smi2AttributeID 66}		–		c2		x	
3.15	protected	{m3100Attribute 32}		–		o		x	
3.16	serverTrailList	{m3100Attribute 36}		–		o		x	
3.17	z-TPInstance	{m3100Attribute 55}		–		m		x	

TABLE I.3/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		

c1 : IF “if an object supports allomorphism” THEN m ELSE –  
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –

**I.3.2 Attribute groups**

There are no attribute groups defined for this object class.

**I.3.3 Actions**

There are no actions defined for this object class.

### I.3.4 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table I.4. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE I.4/M.3101

#### Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{smi2Notification 1}		o			
4.2	communicationsAlarm	{smi2Notification 2}		o			
4.3	objectCreation	{smi2Notification 6}		o			
4.4	objectDeletion	{smi2Notification 7}		o			
4.5	stateChange	{smi2Notification 14}		o			

TABLE I.4/M.3101

#### Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		

TABLE I.4/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**I.3.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table I.5.

TABLE I.5/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

**I.4 Statement of conformance to the trail object class**

See Table I.6.

TABLE I.6/M.3101

**Managed object class support**

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	trail	{m3100ObjectClass 14}		

If the answer to the actual class question in the managed object class support table is no, the supplier of the implementation shall fill in the actual class support in Table I.7.

TABLE I.7/M.3101

**Actual class support**

Index	Actual managed object class template label	Value of object identifier for actual class	Additional information
2.1			
2.2			

**I.4.1 Attributes**

The supplier of the implementation shall state whether or not the attributes specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table I.8. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE I.8/M.3101

**Attribute support**

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	a-TPIInstance	{m3100Attribute 1}		–		m		x	
3.2	administrativeState	{smi2AttributeID 31}		m		m		m	
3.3	alarmSeverityAssignmentProfilePointer	{m3100Attribute 5}		o		o		o	
3.4	alarmStatus	{m3100Attribute 6}		–		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c1		x	
3.6	characteristicInformation	{m3100Attribute 8}		–		o		x	
3.7	clientConnection	{m3100Attribute 9}		–		o		x	
3.8	currentProblemList	{m3100Attribute 17}		–		o		x	
3.9	directionality	{m3100Attribute 18}		–		m		x	
3.10	nameBinding	{smi2AttributeID 63}		–		m		x	
3.11	objectClass	{smi2AttributeID 65}		–		m		x	
3.12	operationalState	{smi2AttributeID 35}		–		m		x	
3.13	packages	{smi2AttributeID 66}		–		c2		x	
3.14	protected	{m3100Attribute 32}		–		o		x	
3.15	serverConnectionList	{m3100Attribute 35}		–		o		x	
3.16	trailId	{m3100Attribute 47}		–		m		x	
3.17	z-TPIInstance	{m3100Attribute 55}		–		m		x	

TABLE I.8/M.3101

**Attribute support (end)**

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
3.17	x		x		x		
c1 : IF “if an object supports allomorhism” THEN m ELSE –							
c2 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

**I.4.2 Attribute groups**

There are no attribute groups defined for the managed object class.

**I.4.3 Actions**

There are no actions defined for this object class.

**I.4.4 Notifications**

The supplier of the implementation shall state whether or not the notifications specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table I.9. The supplier of the implementation shall indicate support in terms of the confirmed and non-confirmed modes.

TABLE I.9/M.3101

**Notification support**

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Con- firmed	Non- con- firmed	
4.1	attributeValueChange	{ smi2Notification 1 }		o			
4.2	communicationsAlarm	{ smi2Notification 2 }		o			
4.3	objectCreation	{ smi2Notification 6 }		o			
4.4	objectDeletion	{ smi2Notification 7 }		o			
4.5	stateChange	{ smi2Notification 14 }		o			

TABLE I.9/M.3101

**Notification support (end)**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.1	4.1.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.1.2	additionalText	{smi2AttributeID 7}		c:o		
	4.1.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.1.4	attributeValueChangeDefinition	{smi2AttributeID 10}		c:m		
	4.1.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.1.6	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.1.7	sourceIndicator	{smi2AttributeID 26}		c:o		
4.2	4.2.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.2.2	additionalText	{smi2AttributeID 7}		c:o		
	4.2.3	backedUpStatus	{smi2AttributeID 11}		c:o		
	4.2.4	backUpObject	{smi2AttributeID 40}		c:o		
	4.2.5	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.2.6	monitoredAttributes	{smi2AttributeID 15}		c:o		
	4.2.7	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.2.8	perceivedSeverity	{smi2AttributeID 17}		c:m		
	4.2.9	probableCause	{smi2AttributeID 18}		c:m		
	4.2.10	proposedRepairActions	{smi2AttributeID 19}		c:o		
	4.2.11	specificProblems	{smi2AttributeID 27}		c:o		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		c:o		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		c:o		
	4.2.14	trendIndication	{smi2AttributeID 30}		c:o		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.3.2	additionalText	{smi2AttributeID 7}		c:o		
	4.3.3	attributeList	{smi2AttributeID 9}		c:o		
	4.3.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.3.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.3.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.4.2	additionalText	{smi2AttributeID 7}		c:o		
	4.4.3	attributeList	{smi2AttributeID 9}		c:o		
	4.4.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.4.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.4.6	sourceIndicator	{smi2AttributeID 26}		c:o		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		c:o		
	4.5.2	additionalText	{smi2AttributeID 7}		c:o		
	4.5.3	attributeIdentifierList	{smi2AttributeID 8}		c:o		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		c:o		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		c:o		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	4.5.7	stateChangeDefinition	{smi2AttributeID 28}		c:m		

**I.4.5 Parameters**

The supplier of the implementation shall state whether or not the parameters specified by all packages instantiated in a managed object of this class are supported, in the “Support” and “Additional information” columns in Table I.10.

TABLE I.10/M.3101

**Parameter support**

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
5.1	correlatedRecordNameParameter	{q821Parameter 2}		o		
5.2	logRecordIdParameter	{q821Parameter 1}		o		
5.3	suspectObjectListParameter	{q821Parameter 3}		o		

## Appendix II

### MRCS proforma<sup>9)</sup>

(This appendix does not form an integral part of this Recommendation)

#### II.1 Introduction

The purpose of this MRCS proforma is to provide a mechanism for a supplier of an implementation which claims conformance to a managed object class to provide conformance information in a standard form.

#### II.2 Instructions for completing the MRCS proforma to produce a MRCS<sup>10)</sup>

The supplier of the implementation shall state which items are supported in the tables and if necessary provide additional information.

The following common notations, defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7 are used for the status value columns:

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

Note that “c”, “m”, “o” and “x” are prefixed by a “c:” when nested under a conditional or optional item of the same table.

Note that “o” may be suffixed by “.n” (where “n” is a unique number) for mutually exclusive or selectable options among a set of status values.

In the status column, the static requirements are stated as follows:

- m for characteristics contained in mandatory packages or in conditional packages if the GDMO condition is always true;
- o for characteristics of conditional packages with GDMO conditions that indicate static optionality, e.g. “if an instance supports it”;
- cn for all other conditions, where “n” is a unique integer and “cn” is a reference to a conditional status expression as defined in Rec. X.291 | ISO/IEC 9646-2 and Rec. X.296 | ISO/IEC 9646-7. Each condition denoted by “cn” is relative to the containing table;
- x for characteristics explicitly prohibited by the definition;
- for characteristics that are not mentioned by the definition.

The following common notations, defined in Rec. X.724 | ISO/IEC 10165-6 and Rec. X.296 | ISO/IEC 9646-7 are used for the support answer columns:

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

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<sup>9)</sup> Users of this Recommendation may freely reproduce the MRCS proforma in this appendix so that it can be used for its intended purpose, and may further publish the completed MRCS.

<sup>10)</sup> Instructions for completing the MRCS proforma are specified in Rec. X.724 | ISO/IEC 10165-6, clause 5.



## II.3 Name binding support

The second part may only contain status values other than “x”, i.e. not applicable, for name bindings that may be used for creation or deletion of managed object through management operations. Hence, the second part of Table II.1 only shows name bindings for which at least one of the status values is different from “x”.

TABLE II.1/M.3101

### Name binding support

Index	Attribute binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information
1	connection-network	{m3100NameBinding 2}		o		
2	trail-network	{m3100NameBinding 22}		o		

TABLE II.1/M.3101

### Name binding support (end)

Index	Sub-index	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		c:m		
	1.1.1	Create with reference object		c:x		
	1.1.2	Create with automatic instance naming		c:x		
	1.2	Delete support		c:m		
	1.2.1	Delete only if no contained objects		c:x		
	1.2.2	Delete contained objects		c:x		
2	2.1	Create support		c:m		
	2.1.1	Create with reference object		c:m		
	2.1.2	Create with automatic instance naming		c:m		
	2.2	Delete support		c:m		
	2.2.1	Delete only if no contained objects		c:m		
	2.2.2	Delete contained objects		c:x		