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DE LAS TELECOMUNICACIONES
DE LA UIT

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MANTENIMIENTO

RED DE GESTIÓN DE LAS TELECOMUNICACIONES

DECLARACIONES DE CONFORMIDAD DE OBJETO GESTIONADO PARA EL MODELO GENÉRICO DE INFORMACIÓN DE RED

Recomendación UIT-T M.3101

(Anteriormente «Recomendación del CCITT»)

PREFACIO

El UIT-T (Sector de Normalización de las Telecomunicaciones) es un órgano permanente de la Unión Internacional de Telecomunicaciones (UIT). Este órgano estudia los aspectos técnicos, de explotación y tarifarios y publica Recomendaciones sobre los mismos, con miras a la normalización de las telecomunicaciones en el plano mundial.

La Conferencia Mundial de Normalización de las Telecomunicaciones (CMNT), que se celebra cada cuatro años, establece los temas que han de estudiar las Comisiones de Estudio del UIT-T, que a su vez producen Recomendaciones sobre dichos temas.

La aprobación de Recomendaciones por los Miembros del UIT-T es el objeto del procedimiento establecido en la Resolución N.º 1 de la CMNT (Helsinki, 1 al 12 de marzo de 1993).

La Recomendación UIT-T M.3101 ha sido preparada por la Comisión de Estudio 4 (1993-1996) del UIT-T y fue aprobada por el procedimiento de la Resolución N.º 1 de la CMNT el 27 de julio de 1995.

NOTA

En esta Recomendación, la expresión «Administración» se utiliza para designar, en forma abreviada, tanto una administración de telecomunicaciones como una empresa de explotación reconocida de telecomunicaciones.

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DECLARACIONES DE CONFORMIDAD DE OBJETO GESTIONADO PARA EL MODELO GENÉRICO DE INFORMACIÓN DE RED

(Ginebra, 1995)

1 Alcance

Esta Recomendación define los requisitos de conformidad de gestión del modelo genérico de información de red (GNIM, *generic network information model*) definido en la Recomendación M.3100. Esta Recomendación no define los requisitos de conformidad para la información de gestión, a los que sólo se hace referencia en la Recomendación M.3100.

2 Referencias

Las Recomendaciones siguientes y otras referencias contienen disposiciones que, mediante su referencia en este texto, constituyen disposiciones de la presente Recomendación. Al efectuar esta publicación estaban en vigor las ediciones indicadas. Todas las Recomendaciones y otras referencias son objeto de revisiones, por lo que se preconiza que los usuarios de esta Recomendación investiguen la posibilidad de aplicar las ediciones más recientes de las Recomendaciones y de otras referencias citadas a continuación. Regularmente se publica una lista de las Recomendaciones UIT-T actualmente vigentes.

- Recomendación UIT-T M.3100 (1995), *Modelo genérico de información de red*.
- Recomendación UIT-T Q.821 (1993), *Descripción de las etapas 2 y 3 de la interfaz Q3 – Vigilancia de alarmas*.
- Recomendación UIT-T X.291 (1995), *Metodología y marco de las pruebas de conformidad de interconexión de sistemas abiertos de las Recomendaciones sobre los protocolos para aplicaciones del UIT-T – Especificaciones de serie de pruebas abstractas*.
- Recomendación UIT-T X.296 (1996), *Metodología y marco de las pruebas de conformidad de interconexión de sistemas abiertos de las Recomendaciones sobre los protocolos para aplicaciones del UIT-T – Enunciado de conformidad de implementación*.
- Recomendación X.721 del CCITT (1992), *Tecnología de la información – Interconexión de sistemas abiertos – Estructura de la información de gestión: Definición de la información de gestión*.
- Recomendación UIT-T X.724 (1993), *Requisitos y directrices para los formularios de enunciado de conformidad de implementación asociados con la información de gestión*.

3 Abreviaturas

A los efectos de esta Recomendación se utilizan las siguientes abreviaturas:

GNIM	Modelo genérico de información de red (<i>generic network information model</i>)
MCS	Sumario de conformidad de gestión (<i>management conformance summary</i>)
MOCS	Declaración de conformidad de objeto gestionado (<i>managed object conformance statement</i>)
MRCS	Declaración de conformidad de relación gestionada (<i>managed relation ship conformance statement</i>)

4 Requisitos de conformidad de información de gestión

Un formulario de sumario de conformidad de gestión (MCS) que cumple esta Recomendación será textualmente idéntico al formulario MCS especificado en el Anexo A, difiriendo solamente en la paginación y en los encabezamientos de página.

El formulario de declaración de conformidad de objeto gestionado (MOCS) de las clases de objeto gestionado definidas en la Recomendación M.3100, que cumple esta Recomendación, será textualmente idéntico al formulario MOCS especificado en el Anexo B, difiriendo sólo en la paginación y en los encabezamientos de página.

El formulario de declaración de conformidad de relación gestionada (MRCS) para vinculaciones de nombre definidas en la Recomendación M.3100, que cumple esta Recomendación será textualmente idéntico al formulario MRCS especificado en el Anexo C, difiriendo sólo en la paginación y encabezamientos de página.

El suministrador de un sistema que cumple esta Recomendación y la Recomendación M.3100:

- proporcionará la información necesaria para identificar inequívocamente al suministrador y la implementación;
- rellenará el formulario de sumario de conformidad de gestión del Anexo A;
- rellenará los formularios de declaración de conformidad de objeto gestionado del Anexo B;
- rellenará los formularios de declaración de conformidad de relación gestionada del Anexo C.

5 Estructura

El sumario de conformidad de gestión figura en el Anexo A. El MCS no incluye sumario de conformidad de las clases de objeto gestionado y vinculaciones de nombre desaconsejadas u obsoletas que se incluyen en el Apéndice II/M.3100.

El Anexo B define los formularios MOCS para las clases de objeto gestionado que se definen en la parte principal de la Recomendación M.3100, es decir, con exclusión de las clases de objeto gestionado desaconsejadas u obsoletas definidas en el Apéndice II/M.3100.

El Anexo C define los formularios MRCS para las vinculaciones de nombre definidas en la Recomendación M.3100.

El Apéndice I define los formularios MOCS para las clases de objeto gestionado y vinculaciones de nombre desaconsejadas u obsoletas definidas en el Apéndice II/M.3100.

El Apéndice II define los formularios MRCS para las vinculaciones de nombre desaconsejadas u obsoletas incluidas en el Apéndice II/M.3100.

6 Directrices adicionales

6.1 Utilización de la sintaxis de tipo de nombre ASN.1 (NameType)

La sintaxis NameType se utiliza para denominar y se define como una elección de sintaxis de enteros o de cadenas. Una implementación puede utilizar cualquiera o ambas de estas alternativas (para diferentes ejemplares de objeto). La utilización de esta sintaxis afecta al comportamiento de las operaciones filtradas).

El suministrador de un sistema que cumple esta Recomendación y la Recomendación M.3100 obtendrá para cada atributo que utilice la sintaxis NameType el resultado esperado en la columna «información adicional»

Anexo A

Formulario de sumario de conformidad de gestión (MCS)¹⁾

(Este anexo es parte integrante de esta Recomendación)

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.

¹⁾ Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MCS cumplimentado.

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 MCS²⁾

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.

2) Las instrucciones para cumplimentar el formulario MCS se especifican en la cláusula 5 de la Rec. X.724 | ISO/CEI 10165-6.

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			

Anexo B

Formulario de declaración de conformidad de objeto gestionado MOCS³⁾ (Este anexo es parte integrante de esta Recomendación)

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 MOCS⁴⁾

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.

³⁾ Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MOCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MOCS cumplimentado.

⁴⁾ Las instrucciones para rellenar el formulario MOCS se especifican en la cláusula 5 de la Rec. X.724 | ISO/CEI 10165-6.

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 allomorphism” 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	labelOfFarEndExchange	{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 allomorphism” 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	connectionTerminationPointBi-directional	{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	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	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	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	

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 allomorphism” 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	allomorphs	{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 allomorhism” 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	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	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 allomorhism” 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 allomorphism” 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 allomorphism” 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	allomorphs	{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 allomorhism” 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 allomorphism” 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		
5.6	5.5.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	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		
5.7	5.6.6	sourceIndicator	{smi2AttributeID 26}		c:o		
	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	allomorphs	{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 allomorphism” 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-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	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-TPInstance	{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 allomorphism” 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	tTPIID	{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	tPId	{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-confirmed	Non-confirmed	
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	tTPIId	{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 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.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 allomorphism” 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	allomorphs	{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- firmed	Non- con- firmed	
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.

Anexo C

Formulario de declaración de conformidad de relación gestionada (MRCS)⁵⁾

(Este anexo es parte integrante de esta Recomendación)

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 MRCS⁶⁾

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).

⁵⁾ Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MRCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MRCS cumplimentado.

⁶⁾ Las instrucciones para cumplimentar el formulario MRCS se especifican en la cláusula 5 de la Rec. X.724 | ISO/CEI 10165-6.

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		

Apéndice I**Formulario de declaración de conformidad de objeto gestionado (MOCS)⁷⁾**

(Este apéndice no es parte integrante de esta Recomendación)

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 MOCS⁸⁾

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”;

⁷⁾ Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MOCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MOCS cumplimentado.

⁸⁾ Las instrucciones para cumplimentar el formulario MOCS se especifican en la cláusula 5 de la Rec. X.724 | ISO/CEI 10165-6.

- 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-TPIInstance	{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-TPIInstance	{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-TPInstance	{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-TPInstance	{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		

Apéndice II

Formulario de declaración de conformidad de relación gestionada (MRCS)⁹⁾

(Este apéndice no es parte integrante de esta Recomendación)

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 MRCS¹⁰⁾

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).

⁹⁾ Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MRCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MRCS cumplimentado.

¹⁰⁾ Las instrucciones para cumplimentar el formulario MRCS se especifican en la cláusula 5 de la Rec. X.724 | ISO/CEI 10165-6.

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		