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SECTEUR DE LA NORMALISATION
DES TÉLÉCOMMUNICATIONS
DE L'UIT

M.3101

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MAINTENANCE

**RÉSEAU DE GESTION DES
TÉLÉCOMMUNICATIONS**

**DÉCLARATIONS DE CONFORMITÉ D'OBJETS
GÉRÉS POUR LE MODÈLE GÉNÉRIQUE
D'INFORMATION DE RÉSEAU**

Recommandation UIT-T M.3101

(Antérieurement «Recommandation du CCITT»)

AVANT-PROPOS

L'UIT-T (Secteur de la normalisation des télécommunications) est un organe permanent de l'Union internationale des télécommunications (UIT). Il est chargé de l'étude des questions techniques, d'exploitation et de tarification, et émet à ce sujet des Recommandations en vue de la normalisation des télécommunications à l'échelle mondiale.

La Conférence mondiale de normalisation des télécommunications (CMNT), qui se réunit tous les quatre ans, détermine les thèmes d'études à traiter par les Commissions d'études de l'UIT-T lesquelles élaborent en retour des Recommandations sur ces thèmes.

L'approbation des Recommandations par les Membres de l'UIT-T s'effectue selon la procédure définie dans la Résolution n° 1 de la CMNT (Helsinki, 1^{er}-12 mars 1993).

La Recommandation UIT-T M.3101, que l'on doit à la Commission d'études 4 (1993-1996) de l'UIT-T, a été approuvée le 27 juillet 1995 selon la procédure définie dans la Résolution n° 1 de la CMNT.

NOTE

Dans la présente Recommandation, l'expression «Administration» est utilisée pour désigner de façon abrégée aussi bien une administration de télécommunications qu'une exploitation reconnue de télécommunications.

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DÉCLARATIONS DE CONFORMITÉ D'OBJETS GÉRÉS POUR LE MODÈLE GÉNÉRIQUE D'INFORMATION DE RÉSEAU

(Genève, 1995)

1 Champ d'application

La présente Recommandation définit les prescriptions de conformité de gestion du modèle générique d'information de réseau (GNIM) décrit dans la Recommandation M.3100. Elle ne définit pas de prescriptions de conformité pour les informations de gestion qui ne sont traitées que dans la Recommandation M.3100.

2 Références

Les Recommandations et autres références suivantes contiennent des dispositions qui, par suite de la référence qui y est faite, constituent des dispositions valables pour la présente Recommandation. Au moment de la publication, les éditions indiquées étaient en vigueur. Toute Recommandation ou autre référence est sujette à révision; tous les utilisateurs de la présente Recommandation sont donc invités à rechercher la possibilité d'appliquer les éditions les plus récentes des Recommandations et autres références indiquées ci-après. Une liste des Recommandations UIT-T en vigueur est publiée régulièrement.

- Recommandation UIT-T M.3100 (1995), *Modèle générique d'information de réseau*.
- Recommandation UIT-T Q.821 (1993), *Description des étapes 2 et 3 pour l'interface Q3 – Supervision des alarmes*.
- Recommandation UIT-T X.291 (1995), *Spécification des suites de tests abstraites*.
- Recommandation UIT-T X.296 (1996), *Déclaration de conformité de l'application*.
- Recommandation UIT-T X.721 (1992), *Technologie de l'information – Interconnexion des systèmes ouverts – Structure des informations de gestion – Définition des informations de gestion*.
- Recommandation UIT-T X.724 (1993), *Technologie de l'information. Interconnexion des systèmes ouverts. Gestion des systèmes: Spécifications et directives pour l'établissement des formulaires de déclaration de conformité des instances de protocole associées aux informations de gestion*.

3 Abréviations

Pour les besoins de la présente Recommandation, les abréviations suivantes sont utilisées:

GNIM	Modèle générique d'information de réseau (<i>generic network information model</i>)
MCS	Résumé de conformité de gestion (<i>management conformance summary</i>)
MOCS	Déclaration de conformité d'objet géré (<i>managed object conformance statement</i>)
MRCS	Déclaration de conformité de la relation gérée (<i>managed relationship conformance statement</i>)

4 Prescriptions de conformité des informations de gestion

Pour être conforme aux dispositions de la présente Recommandation, le texte d'un formulaire de résumé de conformité de gestion (MCS) doit être identique à celui du formulaire MCS reproduit dans l'Annexe A, sauf en ce qui concerne la pagination et les en-têtes de page.

Pour être conforme aux dispositions de la présente Recommandation, le texte d'un formulaire de déclaration de conformité d'objet géré (MOCS) applicable aux classes d'objets gérés définies dans la Recommandation M.3100 doit être identique à celui du formulaire MOCS reproduit dans l'Annexe B, sauf en ce qui concerne la pagination et les en-têtes de page.

Pour être conforme aux dispositions de la présente Recommandation, le texte d'un formulaire de déclaration de conformité de la relation gérée (MRCS) applicable aux rattachements de noms définis dans la Recommandation M.3100 doit être identique à celui du formulaire MRCS reproduit dans l'Annexe C, sauf en ce qui concerne la pagination et les en-têtes de page.

Le fournisseur d'un système conforme aux dispositions de la présente Recommandation et de la Recommandation M.3100 doit:

- fournir les informations nécessaires pour identifier de façon univoque le fournisseur et l'application;
- remplir le formulaire du récapitulatif de conformité de gestion figurant dans l'Annexe A;
- remplir les formulaires de déclaration de conformité de l'objet géré figurant dans l'Annexe B;
- remplir les formulaires de déclaration de conformité de la relation gérée figurant dans l'Annexe C.

5 Structure

Le formulaire du récapitulatif de conformité de gestion est reproduit dans l'Annexe A. Le récapitulatif ne porte pas sur les rattachements de noms et les classes d'objets gérés jugés obsolètes et figurant dans l'Appendice II/M.3100.

L'Annexe B définit les formulaires MOCS applicables aux classes d'objets gérés définies dans le corps du texte de la Recommandation M.3100, c'est-à-dire à l'exclusion des classes d'objets gérés jugées obsolètes et définies dans l'Appendice II/M.3100.

L'Annexe C définit les formulaires MRCS applicables aux rattachements de noms définis dans la Recommandation M.3100.

L'Appendice I définit les formulaires MOCS applicables aux rattachements de noms et aux classes d'objets gérés jugés obsolètes et définis dans l'Appendice II/M.3100.

L'Appendice II définit les formulaires MRCS applicables aux rattachements de noms obsolètes mentionnés dans l'Appendice II/M.3100.

6 Lignes directrices supplémentaires

6.1 Utilisation de la syntaxe ASN.1 NameType

La syntaxe de définition de type de nom NameType, qui est utilisée à des fins de dénomination, est définie sous la forme d'une structure de choix d'un entier ou d'une chaîne. L'application peut utiliser l'une ou l'autre de ces possibilités, ou les deux, pour différentes instances d'objets. L'utilisation de ces syntaxes influe sur le comportement des opérations avec filtrage.

Pour chaque attribut faisant appel à la syntaxe NameType, le fournisseur d'un système conforme aux dispositions de la présente Recommandation et de la Recommandation M.3100 doit indiquer le résultat escompté dans la colonne «informations supplémentaires».

Annexe A

Formulaire du résumé de conformité de gestion (MCS)¹⁾

(Cette annexe fait partie intégrante de la présente Recommandation)

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⁾ Les utilisateurs de la présente Recommandation sont autorisés à reproduire le formulaire MCS de la présente annexe pour utiliser celui-ci conformément à son objet. Ils sont également autorisés à publier le formulaire une fois celui-ci complété.

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.

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²⁾ On trouvera à l'article 5 de la Rec. X.724 | ISO/CEI 10165-6, des instructions concernant la façon dont il faut remplir le formulaire MCS.

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			

Annexe B**Formulaire de déclaration de conformité d'objet géré (MOCS)³⁾**

(La présente annexe fait partie intégrante de la Recommandation)

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⁾ Les utilisateurs de la présente Recommandation sont autorisés à reproduire le formulaire MOCS de la présente annexe pour utiliser celui-ci conformément à son objet. Ils sont également autorisés à publier le formulaire une fois celui-ci complété.

⁴⁾ On trouvera à l'article 5 de la Rec. X.724 | ISO/CEI 10165-6, des instructions concernant la façon dont il faut remplir le formulaire MOCS.

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	cTPId	{m3100Attribute 13}		c4		c4		x	
3.8	currentProblemList	{m3100Attribute 17}		x		o		x	
3.9	downstreamConnectivityPointer	{m3100Attribute 19}		m		m		x	
3.10	nameBinding	{smi2AttributeID 63}		o		m		x	
3.11	networkLevelPointer	{m3100Attribute 31}		o		o		o	
3.12	objectClass	{smi2AttributeID 65}		m		m		x	
3.13	operationalState	{smi2AttributeID 35}		x		c5		x	
3.14	packages	{smi2AttributeID 66}		o		c6		x	
3.15	supportedByObjectList	{m3100Attribute 40}		x		m		x	

TABLE B.25/M.3101

Attribute support (end)

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

B.8.2 Attribute groups

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

B.8.3 Actions

There are no actions defined for this object class.

B.8.4 Notifications

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

TABLE B.26/M.3101

Notification support

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

TABLE B.26/M.3101

Notification support (end)

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

B.8.5 Parameters

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

TABLE B.27/M.3101

Parameter support

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

B.9 Statement of conformance to the connectionTerminationPointSource object class

See Table B.28.

TABLE B.28/M.3101

Managed object class support

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

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

TABLE B.29/M.3101

Actual class support

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

B.9.1 Attributes

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

TABLE B.30/M.3101

Attribute support

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

TABLE B.30/M.3101

Attribute support (end)

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

B.9.2 Attribute groups

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

B.9.3 Actions

There are no actions defined for this object class.

B.9.4 Notifications

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

TABLE B.31/M.3101

Notification support

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

TABLE B.31/M.3101

Notification support (end)

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

B.9.5 Parameters

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

TABLE B.32/M.3101

Parameter support

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

B.10 Statement of conformance to the crossConnection object class

See Table B.33.

TABLE B.33/M.3101

Managed object class support

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

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

TABLE B.34/M.3101

Actual class support

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

B.10.1 Attributes

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

TABLE B.35/M.3101

Attribute support

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

TABLE B.35/M.3101

Attribute support (end)

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
c1 : IF “if an object supports allomorhism” 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 allomorphism” THEN m ELSE – c3 : IF “any registered package, other than this package has been instantiated” THEN m ELSE –							

B.12.2 Attribute groups

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

B.12.3 Actions

There are no actions defined for this object class.

B.12.4 Notifications

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

TABLE B.44/M.3101

Notification support

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

TABLE B.44/M.3101

Notification support (continued)

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

TABLE B.44/M.3101

Notification support (end)

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

B.12.5 Parameters

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

TABLE B.45/M.3101

Parameter support

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

B.13 Statement of conformance to the equipmentR1 object class

See Table B.46.

TABLE B.46/M.3101

Managed object class support

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

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

TABLE B.47/M.3101

Actual class support

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

B.13.1 Attributes

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

TABLE B.48/M.3101

Attribute support

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

TABLE B.48/M.3101

Attribute support (end)

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

B.13.2 Attribute groups

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

B.13.3 Actions

There are no actions defined for this object class.

B.13.4 Notifications

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

TABLE B.49/M.3101

Notification support

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

TABLE B.49/M.3101

Notification support (continued)

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

TABLE B.49/M.3101

Notification support (continued)

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4.2 (cont.)	4.2.11	specificProblems	{smi2AttributeID 27}		C:0		
	4.2.12	stateChangeDefinition	{smi2AttributeID 28}		C:0		
	4.2.13	thresholdInfo	{smi2AttributeID 29}		C:0		
	4.2.14	trendIndication	{smi2AttributeID 30}		C:0		
4.3	4.3.1	additionalInformation	{smi2AttributeID 6}		C:0		
	4.3.2	additionalText	{smi2AttributeID 7}		C:0		
	4.3.3	backedUpStatus	{smi2AttributeID 11}		C:0		
	4.3.4	backUpObject	{smi2AttributeID 40}		C:0		
	4.3.5	correlatedNotifications	{smi2AttributeID 12}		C:0		
	4.3.6	monitoredAttributes	{smi2AttributeID 15}		C:0		
	4.3.7	notificationIdentifier	{smi2AttributeID 16}		C:0		
	4.3.8	perceivedSeverity	{smi2AttributeID 17}		C:m		
	4.3.9	probableCause	{smi2AttributeID 18}		C:m		
	4.3.10	proposedRepairActions	{smi2AttributeID 19}		C:0		
	4.3.11	specificProblems	{smi2AttributeID 27}		C:0		
	4.3.12	stateChangeDefinition	{smi2AttributeID 28}		C:0		
	4.3.13	thresholdInfo	{smi2AttributeID 29}		C:0		
	4.3.14	trendIndication	{smi2AttributeID 30}		C:0		
4.4	4.4.1	additionalInformation	{smi2AttributeID 6}		C:0		
	4.4.2	additionalText	{smi2AttributeID 7}		C:0		
	4.4.3	backedUpStatus	{smi2AttributeID 11}		C:0		
	4.4.4	backUpObject	{smi2AttributeID 40}		C:0		
	4.4.5	correlatedNotifications	{smi2AttributeID 12}		C:0		
	4.4.6	monitoredAttributes	{smi2AttributeID 15}		C:0		
	4.4.7	notificationIdentifier	{smi2AttributeID 16}		C:0		
	4.4.8	perceivedSeverity	{smi2AttributeID 17}		C:m		
	4.4.9	probableCause	{smi2AttributeID 18}		C:m		
	4.4.10	proposedRepairActions	{smi2AttributeID 19}		C:0		
	4.4.11	specificProblems	{smi2AttributeID 27}		C:0		
	4.4.12	stateChangeDefinition	{smi2AttributeID 28}		C:0		
	4.4.13	thresholdInfo	{smi2AttributeID 29}		C:0		
	4.4.14	trendIndication	{smi2AttributeID 30}		C:0		
4.5	4.5.1	additionalInformation	{smi2AttributeID 6}		C:0		
	4.5.2	additionalText	{smi2AttributeID 7}		C:0		
	4.5.3	attributeList	{smi2AttributeID 9}		C:0		
	4.5.4	correlatedNotifications	{smi2AttributeID 12}		C:0		
	4.5.5	notificationIdentifier	{smi2AttributeID 16}		C:0		
	4.5.6	sourceIndicator	{smi2AttributeID 26}		C:0		
4.6	4.6.1	additionalInformation	{smi2AttributeID 6}		C:0		
	4.6.2	additionalText	{smi2AttributeID 7}		C:0		
	4.6.3	attributeList	{smi2AttributeID 9}		C:0		
	4.6.4	correlatedNotifications	{smi2AttributeID 12}		C:0		
	4.6.5	notificationIdentifier	{smi2AttributeID 16}		C:0		
	4.6.6	sourceIndicator	{smi2AttributeID 26}		C:0		
4.7	4.7.1	additionalInformation	{smi2AttributeID 6}		C:0		
	4.7.2	additionalText	{smi2AttributeID 7}		C:0		
	4.7.3	backedUpStatus	{smi2AttributeID 11}		C:0		
	4.7.4	backUpObject	{smi2AttributeID 40}		C:0		
	4.7.5	correlatedNotifications	{smi2AttributeID 12}		C:0		

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		
	4.7.14	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.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 allomorphism” 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 allomorphism” 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

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

B.18.5 Parameters

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

TABLE B.72/M.3101

Parameter support

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

B.19 Statement of conformance to the mpCrossConnection object class

See Table B.73.

TABLE B.73/M.3101

Managed object class support

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

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

TABLE B.74/M.3101

Actual class support

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

B.19.1 Attributes

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

TABLE B.75/M.3101

Attribute support

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

TABLE B.75/M.3101

Attribute support (end)

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

B.19.2 Attribute groups

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

B.19.3 Actions

There are no actions defined for this object class.

B.19.4 Notifications

There are no notifications defined for this object class.

B.19.5 Parameters

There are no parameters defined for this object class.

B.20 Statement of conformance to the namedCrossConnection object class

See Table B.76.

TABLE B.76/M.3101

Managed object class support

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

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

TABLE B.77/M.3101

Actual class support

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

B.20.1 Attributes

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

TABLE B.78/M.3101

Attribute support

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

TABLE B.78/M.3101

Attribute support (end)

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

B.20.2 Attribute groups

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

B.20.3 Actions

There are no actions defined for this object class.

B.20.4 Notifications

There are no notifications defined for this object class.

B.20.5 Parameters

There are no parameters defined for this object class.

B.21 Statement of conformance to the namedMpCrossConnection object class

See Table B.79.

TABLE B.79/M.3101

Managed object class support

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

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

TABLE B.80/M.3101

Actual class support

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

B.21.1 Attributes

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

TABLE B.81/M.3101

Attribute support

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

TABLE B.81/M.3101

Attribute support (end)

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

B.24.2 Attribute groups

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

B.24.3 Actions

There are no actions defined for this object class.

B.24.4 Notifications

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

TABLE B.92/M.3101

Notification support

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

TABLE B.92/M.3101

Notification support (end)

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

B.24.5 Parameters

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

TABLE B.93/M.3101

Parameter support

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

B.25 Statement of conformance to the tpPool object class

See Table B.94

TABLE B.94/M.3101

Managed object class support

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

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

TABLE B.95/M.3101

Actual class support

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

B.25.1 Attributes

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

TABLE B.96/M.3101

Attribute support

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

TABLE B.96/M.3101

Attribute support (end)

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

B.25.2 Attribute groups

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

B.25.3 Actions

There are no actions defined for this object class.

B.25.4 Notifications

There are no notifications defined for this object class.

B.25.5 Parameters

There are no parameters defined for this object class.

B.26 Statement of conformance to the trailR1 object class

See Table B.97.

TABLE B.97/M.3101

Managed object class support

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

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

TABLE B.98/M.3101

Actual class support

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

B.26.1 Attributes

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

TABLE B.99/M.3101

Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace	
				Status	Support	Status	Support	Status	Support
3.1	a-TPInstance	{m3100Attribute 1}		m		m		x	
3.2	administrativeState	{smi2AttributeID 31}		m		m		m	
3.3	alarmSeverityAssignmentProfile Pointer	{m3100Attribute 5}		c1		c1		c1	
3.4	alarmStatus	{m3100Attribute 6}		x		o		x	
3.5	allomorphs	{smi2AttributeID 50}		x		c2		x	
3.6	characteristicInformation	{m3100Attribute 8}		o		o		x	
3.7	clientConnectionList	{m3100Attribute 53}		o		o		x	
3.8	currentProblemList	{m3100Attribute 17}		x		o		x	
3.9	directionality	{m3100Attribute 18}		x		m		x	
3.10	nameBinding	{smi2AttributeID 63}		o		m		x	
3.11	objectClass	{smi2AttributeID 65}		m		m		x	
3.12	operationalState	{smi2AttributeID 35}		x		m		x	
3.13	packages	{smi2AttributeID 66}		o		c3		x	
3.14	protected	{m3100Attribute 32}		o		o		x	
3.15	serverConnectionList	{m3100Attribute 35}		o		o		x	
3.16	trailId	{m3100Attribute 47}		m		m		x	
3.17	userLabel	{m3100Attribute 50}		o		o		o	
3.18	z-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	tPId	{m3100Attribute 48}		c6		c6		x	
3.17	upstreamConnectivityPointer	{m3100Attribute 49}		m		m		x	

TABLE B.104/M.3101

Attribute support (end)

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

B.27.2 Attribute groups

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

B.27.3 Actions

There are no actions defined for this object class.

B.27.4 Notifications

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

TABLE B.105/M.3101

Notification support

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

TABLE B.105/M.3101

Notification support (continued)

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

TABLE B.105/M.3101

Notification support (end)

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

B.27.5 Parameters

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

TABLE B.106/M.3101

Parameter support

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

B.28 Statement of conformance to the trailTerminationPointSink object class

See Table B.107.

TABLE B.107/M.3101

Managed object class support

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

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

TABLE B.108/M.3101

Actual class support

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

B.28.1 Attributes

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

TABLE B.109/M.3101

Attribute support

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

TABLE B.109/M.3101

Attribute support (end)

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

B.28.2 Attribute groups

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

B.28.3 Actions

There are no actions defined for this object class.

B.28.4 Notifications

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

TABLE B.110/M.3101

Notification support

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

TABLE B.110/M.3101

Notification support (continued)

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

TABLE B.110/M.3101

Notification support (end)

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

B.28.5 Parameters

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

TABLE B.111/M.3101

Parameter support

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

B.29 Statement of conformance to the trailTerminationPointSource object class

See Table B.112.

TABLE B.112/M.3101

Managed object class support

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

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

TABLE B.113/M.3101

Actual class support

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

B.29.1 Attributes

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

TABLE B.114/M.3101

Attribute support

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

TABLE B.114/M.3101

Attribute support (end)

Index	Add		Remove		Set to default		Additional information
	Status	Support	Status	Support	Status	Support	
3.1	x		x		x		
3.2	x		x		x		
3.3	x		x		x		
3.4	x		x		x		
3.5	x		x		x		
3.6	x		x		x		
3.7	x		x		x		
3.8	x		x		x		
3.9	x		x		x		
3.10	x		x		x		
3.11	x		x		x		
3.12	x		x		x		
3.13	x		x		x		
3.14	x		x		x		
3.15	x		x		x		
3.16	x		x		x		
c1 : IF “the resource represented by the managed object is capable of being administratively placed in and out of service” THEN m ELSE – c2 : IF “the tmnCommunicationsAlarmInformationPackage package is present AND the managed object supports configuration of alarm severities” THEN m ELSE – c3 : IF “if an object supports 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 allomorhism” 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.

Annexe C

Formulaire MRCS⁵⁾

(Cette annexe fait partie intégrante de la présente Recommandation)

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⁾ Les utilisateurs de la présente Recommandation sont autorisés à reproduire le formulaire MRCS de la présente annexe pour utiliser celui-ci conformément à son objet. Ils sont également autorisés à publier le formulaire une fois celui-ci complété.

⁶⁾ On trouvera à l'article 5 de la Rec. X.724 | ISO/CEI 10165-6, des instructions concernant la façon dont il faut remplir le formulaire MRCS.

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		
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		
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		
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		
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		
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		
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		
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		
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		
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		

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		

Appendice I**Formulaire de déclaration de conformité de l'objet géré (MOCS)⁷⁾**

(Cet appendice ne fait pas partie intégrante de la présente Recommandation)

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⁾ Les utilisateurs de la présente Recommandation sont autorisés à reproduire le formulaire MOCS du présent appendice pour utiliser celui-ci conformément à son objet. Ils sont également autorisés à publier le formulaire une fois celui-ci complété.

⁸⁾ On trouvera à l'article 5 de la Rec. X.724 | ISO/CEI 10165-6, des instructions concernant la façon dont il faut remplir le formulaire MOCS.

- 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	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	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		

Appendice II

Formulaire de déclaration de conformité de la relation gérée (MRCS)⁹⁾

(Cet appendice ne fait pas partie intégrante de la présente Recommandation)

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⁾ Les utilisateurs de la présente Recommandation sont autorisés à reproduire le formulaire MRCS du présent appendice pour utiliser celui-ci conformément à son objet. Ils sont également autorisés à publier le formulaire une fois celui-ci complété.

¹⁰⁾ On trouvera à l'article 5 de la Rec. X.724 | ISO/IEC 10165-6, des instructions concernant la façon dont il faut remplir le formulaire MRCS.

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		