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INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.162

Amendment 1
(12/97)

SERIES X: DATA NETWORKS AND OPEN SYSTEM
COMMUNICATION

Public data networks – Maintenance

Definition of management information for
customer network management service for public
data networks to be used with the CNMc interface

**Amendment 1: Implementation conformance
statement proformas**

ITU-T Recommendation X.162 – Amendment 1
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(Previously CCITT Recommendation)

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ITU-T RECOMMENDATION X.162

DEFINITION OF MANAGEMENT INFORMATION FOR CUSTOMER NETWORK MANAGEMENT SERVICE FOR PUBLIC DATA NETWORKS TO BE USED WITH THE CNMc INTERFACE

AMENDMENT 1

Implementation conformance statement proformas

Summary

This Recommendation provides many alternative options for implementors to choose from in their product development. This means that an Operations System (OS) product of one vendor interworking with another OS product of another vendor must be developed to some common and explicit agreement both developers use concerning the actual options to be developed in their software products for X.162 based messages. This Amendment provides a mean to specify message options in such a way that the later documentation of actual options chosen for the product can be more explicit. The result is that hours to carry out interoperability tests between an OS product of one vendor and another OS of another vendor may be shortened because product developers can be provided with more explicit message specification.

Source

Amendment 1 to ITU-T Recommendation X.162, was prepared by ITU-T Study Group 7 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 12th of December 1997.

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FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

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

INTELLECTUAL PROPERTY RIGHTS

The ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. The ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

As of the date of approval of this Recommendation, the ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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Amendment 1 to Recommendation X.162

DEFINITION OF MANAGEMENT INFORMATION FOR CUSTOMER NETWORK MANAGEMENT SERVICE FOR PUBLIC DATA NETWORKS TO BE USED WITH THE CNM_c INTERFACE

AMENDMENT 1

Implementation conformance statement proformas

Annex E¹⁾

MCS proforma

(This annex forms an integral part of this Recommendation)

E.1 Introduction

E.1.1 Propose and structure

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

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

E.1.2 Instructions for completing the MCS proforma to produce an MCS

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

E.2 Identification of the Implementation

E.2.1 Date of Statement

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

Date of statement

E.2.2 Identification of the implementation

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

¹⁾ **Copyright release for MCS proforma**

Users of this Recommendation may freely reproduce the MCS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MCS. Instructions for completing the MCS proforma are specified in ITU-T Rec. X.724 | ISO/IEC 10165-6.

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E.2.3 Contact

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

E.3 Identification of the document 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 document which specifies the management information to which conformance is claimed, in the box below.

Document to which conformance is claimed

E.3.1 Technical corrigenda implemented

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

E.3.2 Amendments implemented

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

E.4 Management conformance summary

The supplier of the implementation shall provide information on whether the implementation claims conformance to any of the set of documents globally representing the implementation under claim. For each document 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/MICS/MOCS/MRCS) and 9 (Additional information) are to be filled in by the supplier of the implementation.

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

- m Mandatory;
- o Optional;
- c Conditional;
- x Prohibited;
- Not applicable or out of scope,

NOTE 1 – The notations “c”, “m”, “o” and “x” are prefixed by a “c:” when nested under a conditional or optional item of the same table.

NOTE 2 – The notation “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 requirement for this numbered set shall be explicitly stated, preferably in a footnote to the relevant table.

The following common notations, defined in CCITT Rec. X.291 | ISO/IEC 9646-2 and ITU-T Rec. X.296 | ISO/IEC 9646-7 are used for the Support answer column:

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

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

Table E.1/X.162 – Roles

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

The supplier of the implementation shall specify support for the systems management functional units, in Table E.2.

Table E.2/X.162 – Systems management functional units

Index	Systems management functional unit name	Manager		Agent		Additional information
		Status	Support	Status	Support	
1	Basic functional unit	c1		c2		
2	Alarm reporting functional unit	c1		c2		
3	State management functional unit	c1		c2		
4	Basic report functional unit	c1		c2		
5	Extended report functional unit	c1		c2		
6	Monitor event report functional unit	c1		c2		
7	Monitor log functional unit	c1		c2		
8	Filter functional unit	c1		c2		
9	Multiple reply functional unit	c1		c2		
10	Control log functional unit	c1		c2		
11	Kernel functional unit	c1		c2		

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Table E.2/X.162 – Systems management functional units (concluded)

Index	Systems management functional unit name	Manager		Agent		Additional information
		Status	Support	Status	Support	
12	Request trouble report format functional unit	c1		c2		
13	Add trouble information functional unit	c1		c2		
14	Trouble report status/commitment time update notification functional unit	c1		c2		
15	Verify trouble repair completion functional unit	c1		c2		
16	Modify trouble administration information functional unit	c1		c2		
17	Trouble administration configuration event notification functional unit	c1		c2		
18	Trouble report progress notification functional unit	c1		c2		
19	Cancel trouble report functional unit	c1		c2		
20	Extended modify trouble administration information functional unit	c1		c2		
21	Delete telecommunications trouble report functional unit	c1		c2		
22	Refer telecommunications trouble report functional unit	c1		c2		
23	Update state and status functional unit	c1		c2		
24	Repair activity object functional unit	c1		c2		
25	Provider trouble report control functional unit	c1		c2		
26	Review trouble history record functional unit	c1		c2		
27	Trouble history event notification functional unit	c1		c2		
28	Loop control functional unit	c1		c2		
29	Controlled test management functional unit	c1		c2		
30	Event report functional unit	c1		c2		
31	Control log functional unit	c1		c2		
32	Managed object selection functional unit	c1		c2		
33	Monitor functional unit	c1		c2		
34	Object event functional unit	c1		c2		
35	State change reporting functional unit	c1		c2		
36	Service request functional unit	c1		c2		
37	Redirection control functional unit	c1		c2		
38	Basic invoice report functional unit	c1		c2		
39	Enhanced invoice report functional unit	c1		c2		
40	Control traffic information collection functional unit	c1		c2		
c1: if E.1/1a then o else –. c2: if E.1/2a then o else –.						

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

Table E.3/X.162 – Manager role minimum conformance requirement

Index	Item	Status	Support	Table reference	Additional information
1	Operations on managed objects	c3			
2	Attribute Value Change notification	c4			
3	Object Creation notification	c4			
4	Object Deletion notification	c4			
5	State Change notification	c4			
6	Communication Alarm notification	c5			
7	Equipment Alarm notification	c5			
8	Environmental Alarm notification	c5			
9	Quality of Service Alarm notification	c6			
10	Processing Error Alarm notification	c7			
11	Scan Report notification	c8			
12	Invoice Report notification	c9			
14	Trouble History Event notification	c10			
15	Trouble Report Progress notification	c11			
13	Test Request Controlled action	c12			
14	Test Suspend Resume action	c12			
15	Test Terminate action	c12			
c3: if E.2/1b then m else –. c4: if any of (E.2/4b through E.2/6b) or any of (E.2/9b through E.2/28b) or any of (E.2/31b through E.2/37b) or E.2/40b then m else –. c5: if E.2/2b or E.2/4b or E.2/5b or E.2/6b or E.2/28b then m else –. c6: if E.2/2b or E.2/28b then m else –. c7: if any of (E.2/8b through E.2/10b) or any of (E.2/26b through E.2/28b) or any of (E.2/31b through E.2/35b) then m else –. c8: if E.2/8b or E.2/9b or E.2/32b or E.2/33b or E.2/40b then m else –. c9: if E.2/38b or E.2/39b then m else –. c10: if E.2/27b then m else –. c11: if E.2/18b then m else –. c12: if E.2/29b then m else –.					

NOTE – Manager role minimum conformance requires support for at least one of the items identified in Table E.3. Support for either of the functional units identified in Table E.2 mandates support for some of those items.

The supplier of the implementation shall specify support for management information in the agent role, in Table E.4. If additional subclasses of log records are supported, the supplier of the implementation shall list the classes in the Additional information column.

Table E.4/X.162 – Agent role minimum conformance requirement

Index	Item	Status	Support	Table reference	Additional information
1	CNM X.25 Entity managed object	c13			
2	X.25 Termination Point managed object	c13			
3	PDN Fault Log Record managed object	c13			
4	PDN Telecommunications Trouble Report managed object	c13			
5	PDN Trouble History Record managed object	c13			
6	CNM Loopback Point managed object	c13			

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Table E.4/X.162 – Agent role minimum conformance requirement (continued)

Index	Item	Status	Support	Table reference	Additional information
7	X.25 Physical Connection managed object	c13			
8	CNM X.25 Entity Tested managed object	c13			
9	X.25 Service Profile managed object	c13			
10	MLP Profile managed object	c13			
11	SLP Profile managed object	c13			
12	X.25 PVC Profile managed object	c13			
13	Closed User Group Profile managed object	c13			
14	Hunt Group Profile managed object	c13			
15	CNM User managed object	c13			
16	Customer managed object	c13			
17	Location managed object	c13			
18	Redirection List managed object	c13			
19	CNM Billing Controller managed object	c13			
20	Current Packet Traffic Data managed object	c13			
21	History Packet Traffic Data managed object	c13			
22	MLP Monitored Point managed object	c13			
23	Current MLP Traffic Data managed object	c13			
24	History MLP Traffic Data managed object	c13			
25	Current SLP Traffic Data managed object	c13			
26	History SLP Traffic Data managed object	c13			
27	Service Request managed object	c13			
28	Subclasses of log records associated with notifications emitted	c14			
29	Attribute Value Change notification	c15			
30	Object Creation notification	c15			
31	Object Deletion notification	c15			
32	State Change notification	c15			
33	Communication Alarm notification	c16			
34	Equipment Alarm notification	c16			
35	Environmental Alarm notification	c16			
36	Quality of Service Alarm notification	c17			
37	Processing Error Alarm notification	c18			
38	Scan Report notification	c19			
39	Invoice Report notification	c20			
40	Trouble History Event notification	c21			
41	Trouble Report Progress notification	c22			
42	Test Request Controlled action	c23			
43	Test Suspend Resume action	c23			
44	Test Terminate action	c23			
c13: if E.1/2b then m else –. c14: if E.1/2a and E.5/1a then m else –. c15: if any of (E.2/4d through E.2/6d) or any of (E.2/9d through E.2/28d) or any of (E.2/31d through E.2/37d) or E.2/40d then m else –. c16: if E.2/2d or E.2/4d or E.2/5d or E.2/6d or E.2/28d then m else –. c17: if E.2/2d or E.2/28d then m else –.					

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Table E.4/X.162 – Agent role minimum conformance requirement (concluded)

Index	Item	Status	Support	Table reference	Additional information
c18:	if any of (E.2/8d through E.2/10d) or any of (E.2/26d through E.2/28d) or any of (E.2/31d through E.2/35d) then m else –.				
c19:	if E.2/8d or E.2/9d or E.2/32d or E.2/33d or E.2/40d then m else –.				
c20:	if E.2/38d or E.2/39d then m else –.				
c21:	if E.2/27d then m else –.				
c22:	if E.2/18d then m else –.				
c23:	if E.2/29d then m else –.				

NOTE – The Table reference column in the above table is the reference to a MOCS provided with the conformance claim for a managed object, which imports the notification from this specification.

Table E.5/X.162 – Logging of event records

Index	Item	Status	Support	Additional information
1	Does the implementation support logging of event records in the agent role?	c24		
c24:	if E.1/2a then o else –.			

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

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

In Tables E.6, E.7, E.8 and E.9 the Status column is used to indicate whether the supplier of the implementation is required to complete the referenced tables or referenced items. Conformance requirements are as specified in the referenced tables or referenced items and are not changed by the MCS Status column. Similarly, the Support column is used by the supplier of the implementation to indicate completion of the referenced tables or referenced items.

Table E.6/X.162 – PICS support summary

Index	Identification of the document that includes the PICS proforma	The numbers of PICS proforma	Description	Constrains and Values	Status	Support	Table numbers of PICS	Additional Information
1	ITU-T Rec. X.730 ISO/IEC 10164-1	Annex E all tables	SM application context	OBJECT IDENTIFIER	m			

Table E.7/X.162 – MOCS support summary

Index	Identification of the document that includes the MOCS proforma	The numbers of MOCS proforma	Description	Constrains and Values	Status	Support	Table numbers of MOCS	Additional Information
1	ITU-T Rec. M3100	ITU-T Rec. X.162 Tables G.136 to G.139	network		m			
2	ITU-T Rec. M3100	ITU-T Rec. X.162 Tables G.140 to G.145	equipment		c25			

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Table E.7/X.162 – MOCS support summary (continued)

Index	Identification of the document that includes the MOCS proforma	The numbers of MOCS proforma	Description	Constraints and Values	Status	Support	Table numbers of MOCS	Additional Information
3	ITU-T Rec. M3100	ITU-T Rec. X.162 Tables G.146 to G.151	managedElement		c26			
4	ITU-T Rec. X.721 ISO/IEC 10165-2		eventForwardingDiscriminator		c27			
5	ITU-T Rec. X.162	Tables G.1 to G.4	cnmX25Entity		c28			
6	ITU-T Rec. X.162	Tables G.5 to G.10	x25TerminationPoint		c29			
7	ITU-T Rec. X.735 ISO/IEC 10164-6	Tables G.1 to G.4	log		c30			
8	ITT-T Rec. X.162	Tables G.11 to G.14	pdnFaultLogRecord		c31			
9	ITU-T Rec. X.162	Tables G.15 to G.19	pdnTelecommunicationsTroubleReport		c32			
10	ITU-T Rec. X.790	Tables B4.1 to B4.10	providerTroubleReport		c33			
11	ITU-T Rec. X.790	Tables 10.1 to 10.10	troubleReportFormatDefinition		c34			
12	ITU-T Rec. X.790	Tables 3.1 to 3.10	contact		c35			
13	ITU-T Rec. X.790	Tables 5.1 to 5.10	repairActivity		c36			
14	ITU-T Rec. X.162	Tables G.20 to G.23	pdnTroubleHistoryRecord		c37			
15	ITU-T Rec. X.162	Tables G.24 to G.29	cnmLoopbackPoint		c38			
16	ITU-T Rec. X.737	Annex F all tables	loopbackTest		c39			
17	ITU-T Rec. X.162	Tables G.30 to G.35	x25PhysicalConnection		c40			
18	ITU-T Rec. X.162	Tables G.36 to G.41	cnmX25EntityTested		c41			
19	ITU-T Rec. X.737	Annex G all tables	protocolIntegrityTest		c42			
20	ITU-T Rec. X.162	Tables G.42 to G.46	x25ServiceProfile		c43			
21	ITU-T Rec. X.162	Tables G.47 to G.50	mlpProfile		c44			
22	ITU-T Rec. X.162	Tables G.51 to G.54	slpProfile		c45			
23	ITU-T Rec. X.162	Tables G.55 to G.59	x25PvcProfile		c46			
24	ITU-T Rec. X.162	Tables G.60 to G.64	cugProfile		c47			
25	ITU-T Rec. X.162	Tables G.65 to G.69	hgProfile		c48			
26	ITU-T Rec. X.162	Tables G.70 to G.74	cnmUser		c49			
27	ITU-T Rec. X.162	Tables G.75 to G.79	customer		c50			

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Table E.7/X.162 – MOCS support summary (concluded)

Index	Identification of the document that includes the MOCS proforma	The numbers of MOCS proforma	Description	Constraints and Values	Status	Support	Table numbers of MOCS	Additional Information
28	ITU-T Rec. X.162	Tables G.80 to G.84	location		c51			
29	ITU-T Rec. X.162	Tables G.85 to G.88	redirectionList		c52			
30	ITU-T Rec. X.162	Tables G.89 to G.93	cnmBilling Controller		c53			
31	ITU-T Rec. X.742 10164-10		usageMeteringRecord		c54			
32	ITU-T Rec. X.162	Tables G.94 to G.99	currentPacketTrafficData		c55			
33	ITU-T Rec. X.162	Tables G.100 to G.104	historyPacketTrafficData		c56			
34	ITU-T Rec. X.162	Tables G.105 to G.108	mlpMonitoredPoint		c57			
35	ITU-T Rec. X.162	Tables G.109 to G.114	currentMlpTrafficData		c58			
36	ITU-T Rec. X.162	Tables G.115 to G.119	historyMlpTrafficData		c59			
37	ITU-T Rec. X.162	Tables G.120 to G.125	currentSlpTrafficData		c60			
38	ITU-T Rec. X.162	Tables G.126 to G.130	historySlpTrafficData		c61			
39	ITU-T Rec. X.162	Tables G.131 to G.135	serviceRequest		c62			
c25: if any of (E.2/2a through E.2/6a) then m else –. c26: if any of (E.2/2a through E.2/6a) or E.4/3a or E.2/28a or E.2/8a or any of (E.2/32a through E.2/34a) then m else –. c27: if any of (E.2/2a through E.2/6a) then m else –. c28: if E.4/1a then m else –. c29: if E.4/2a then m else –. c30: if any of (E.2/7a through E.2/10a) then m else –. c31: if E.4/3a then m else –. c32: if E.4/4a then m else –. c33: if E.2/25a then m else –. c34: if any of (E.2/11a through E.2/24a) then m else –. c35: if E.2/8a or E.2/9a or any of (E.2/11a through E.2/24a) or any of (E.2/32a through E.2/35a) then m else –. c36: it is the same as c11 –. c37: if E.4/5a then m else –. c38: if E.4/6a then m else –. c39: if any of (E.2/29a through E.2/31a) then m else –. c40: if E.4/7a then m else –. c41: if E.4/8a then m else –. c42: if E.2/29a or E.2/30a or E.2/31a then m else –. c43: if E.4/9a then m else –. c44: if E.4/10a then m else –. c45: if E.4/11a then m else –. c46: if E.4/12a then m else –. c47: if E.4/13a then m else –. c48: if E.4/14a then m else –. c49: if E.4/15a then m else –. c50: if E.4/16a then m else –. c51: if E.4/17a then m else –. c52: if E.4/18a then m else –. c53: if E.4/19a then m else –. c54: if E.2/8a or E.2/9a or E.2/32a or E.2/33a then m else –. c55: if E.4/20a then m else –. c56: if E.4/21a then m else –. c57: if E.4/22a then m else –. c58: if E.4/23a then m else –. c59: if E.4/24a then m else –. c60: if E.4/25a then m else –. c61: if E.4/26a then m else –. c62: if E.4/27a then m else –.								

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Table E.8/X.162 – MRCS support summary

Index	Identification of the document that includes the MRCS proforma	The numbers of MRCS proforma	Description	Constraints and Values	Status	Support	Table numbers of MRCS	Additional Information
1	ITU-T Rec. M.3100	ITU-T Rec. X.162 Table H.1	network-network-NB		m			
2	ITU-T Rec. X.162	Table H.1	cnmX25Entity-network-NB		c63			
3	ITU-T Rec. X.162	Table H.1	x25TerminationPoint-network-NB		c64			
4	ITU-T Rec. X.162	Table H.1	equipment-x25TerminationPoint-NB		c65			
5	ITU-T Rec. M.3100	ITU-T Rec. X.162 Table H.1	managedElement-network-NB		c66			
6	ITU-T Rec. X.162	Table H.1	eventForwardingDiscriminator-managedElement-NB		c67			
7	ITU-T Rec. X.162	Table H.1	pdnFaultLogRecord-managedElement-NB		c68			
8	ITU-T Rec. X.162	Table H.1	pdnTelecommunicationsTroubleReport-network-NB		c69			
9	ITU-T Rec. X.790	Table H.1	providerTroubleReport-network-NB		c70			
10	ITU-T Rec. X.790	Table H.1	troubleReportFormatDefinition-network-NB		c71			
11	ITU-T Rec. X.162	Table H.1	repairActivity-pdnTelecommunicationTroubleReport-NB		c72			
12	ITU-T Rec. X.162	Table H.1	pdnTroubleHistoryRecord-log-NB		c73			
13	ITU-T Rec. X.790	Table 3.10	contact-network		c74			
14	ITU-T Rec. X.162	Table H.1	log-managedElement-NB		c75			
15	ITU-T Rec. X.162	Table H.1	cnmLoopbackpoint-network-NB		c76			
16	ITU-T Rec. X.162	Table H.1	cnmX25EntityTested-network-NB		c77			
17	ITU-T Rec. X.162	Table H.1	loopbackTest-managedElement-NB		c78			
18	ITU-T Rec. X.162	Table H.1	protocolIntegrityTest-managedElement-NB		c79			
19	ITU-T Rec. X.162	Table H.1	x25PhysicalConnection-x25TerminationPoint-NB		c80			

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Table E.8/X.162 – MRCS support summary (continued)

Index	Identification of the document that includes the MRCS proforma	The numbers of MRCS proforma	Description	Constrains and Values	Status	Support	Table numbers of MRCS	Additional Information
20	ITU-T Rec. X.162	Table H.1	x25ServiceProfile-network-NB		c81			
21	ITU-T Rec. X.162	Table H.1	mlpProfile-x25ServiceProfile-NB		c82			
22	ITU-T Rec. X.162	Table H.1	slpProfile-x25ServiceProfile-NB		c83			
23	ITU-T Rec. X.162	Table H.1	x25PvcProfile-x25ServiceProfile-NB		c84			
24	ITU-T Rec. X.162	Table H.1	cugProfile-network-NB		c85			
25	ITU-T Rec. X.162	Table H.1	hgProfile-network-NB		c86			
26	ITU-T Rec. X.162	Table H.1	customer-network-NB		c87			
27	ITU-T Rec. X.162	Table H.1	cnmUser-customer-NB		c88			
28	ITU-T Rec. X.162	Table H.1	location-network-NB		c89			
29	ITU-T Rec. X.162	Table H.1	redirectionList-cnmX25Entity-NB		c90			
30	ITU-T Rec. X.162	Table H.1	cnmBillingController-managedElement-NB		c91			
31	ITU-T Rec. X.742		usageMeteringRecord-log		c92			
32	ITU-T Rec. X.162	Table H.1	currentPacketTrafficData-cnmX25Entity-NB		c93			
33	ITU-T Rec. X.162	Table H.1	historyPacketTrafficData-currentPacketTrafficData-NB		c94			
34	ITU-T Rec. X.162	Table H.1	mlpMonitoredPoint-cnmX25Entity-NB		c95			
35	ITU-T Rec. X.162	Table H.1	currentMlpTrafficData-mlpMonitoredPoint-NB		c96			
36	ITU-T Rec. X.162	Table H.1	historyMlpTrafficData-currentMlpTrafficData-NB		c97			
37	ITU-T Rec. X.162	Table H.1	currentSlpTrafficData-cnmX25Entity-NB		c98			

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Table E.8/X.162 – MRCS support summary (concluded)

Index	Identification of the document that includes the MRCS proforma	The numbers of MRCS proforma	Description	Constrains and Values	Status	Support	Table numbers of MRCS	Additional Information
38	ITU-T Rec. X.162	Table H.1	historySlpTraffi cData- currentSlpTraffi cData-NB		c99			
39	ITU-T Rec. X.162	Table H.1	serviceRequest- managedElement		c100			
c63: if E.7/5c then m else –. c64: if E.7/6c then m else –. c65: if E.7/2c and E.7/6c then m else –. c66: if E.7/3c then m else –. c67: if E.7/3c and E.7/4c then m else –. c68: if E.7/3c and E.7/8c then m else –. c69: if E.7/9c then m else –. c70: if E.7/10c then m else –. c71: if E.7/11c then m else –. c72: if E.7/9c and E.7/13c then m else –. c73: if E.7/7c and E.7/14c then m else –. c74: if E.7/12c then m else –. c75: if E.7/3c and E.7/7c then m else –. c76: if E.7/15c then m else –. c77: if E.7/18c then m else –. c78: if E.7/3c and E.7/16c then m else –. c79: if E.7/3c and E.7/19c then m else –. c80: if E.7/6c and E.7/17c then m else –. c81: if E.7/20c then m else –. c82: if E.7/20c and E.7/21c then m else –. c83: if E.7/20c and E.7/22c then m else –. c84: if E.7/20c and E.7/23c then m else –. c85: if E.7/24c then m else –. c86: if E.7/25c then m else –. c87: if E.7/27c then m else –. c88: if E.7/26c then m else –. c89: if E.7/28c then m else –. c90: if E.7/5c and E.7/29c then m else –. c91: if E.7/3c and E.7/30c then m else –. c92: if E.7/31c then m else –. c93: if E.7/5c and E.7/32 then m else –. c94: if E.7/32c and E.7/33c then m else –. c95: if E.7/5c and E.7/34c then m else –. c96: if E.7/34c and E.7/35c then m else –. c97: if E.7/35c and E.7/36c then m else –. c98: if E.7/5c and E.7/37c then m else –. c99: if E.7/37c and E.7/38c then m else –. c100: if E.7/3c and E.7/39c then m else –.								

Table E.9/X.162 – MICS support summary

Index	Identification of the document that includes the MICS proforma	The numbers of MICS proforma	Description	Constrains and Values	Status	Support	Table numbers of MICS	Additional Information
1	ITU-T Rec. X.162	Tables F.2 to F.9	management operations		c101			
2	CCITT Rec. X.730 ISO/IEC 10165-1	Table B.1	attributeValueChange, objectCreation, objectDeletion, notifications		c102			
3	CCITT Rec. X.731 ISO/IEC 10165-2	Table B.1	stateChange notification		c103			
4	CCITT Rec. X.733 ISO/IEC 10165-4	Table B.1	communicationAlarm, environmentalAlarm, equipmentAlarm, processingErrorAlarm, qualityofServiceAlarm, notifications		c104			
5	CCITT Rec. X.738 ISO/IEC 10164-10	Table C.11	scanReport notification		c105			

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Table E.9/X.162 – MICS support summary (concluded)

Index	Identification of the document that includes the MICS proforma	The numbers of MICS proforma	Description	Constraints and Values	Status	Support	Table numbers of MICS	Additional Information
6	ITU-T Rec. X.790		troubleHistoryEvent, troubleReportProgress notifications		c106			
7	ITU-T Rec. X.162	Table F.1	invoiceReport notification		c107			
c101: if E.3/1a then m else –. c102: if any of (E.3/2a through E.3/4) or any of (E.4/29a through E.4/31a) then m else –. c103: if E.3/5a or E.4/32a then m else –. c104: if any of (E.3/6a through E.3/10a) or any of (E.4/33a through E.4/37a) then m else –. c105: if E.3/11a or E.4/38a then m else –. c106: if E.3/13a or E.3/14a or E.4/40a or E.4/41a then m else –. c107: if E.3/12a or E.4/39a then m else –.								

Annex F²⁾

MICS proforma

(This annex forms an integral part of this Recommendation)

F.1 Introduction

MICS proformas are intended to be filled in by a supplier of an implementation.

F.2 Instructions

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

F.3 Symbols, abbreviations and terms

The following abbreviations are used throughout the MICS proforma:

cnmNotification itu-t(0) recommendation(0) x(24) 162 cnmNotification(10)

F.4 Statement of conformance to the management information

F.4.1 Notification

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

²⁾ Copyright release for MICS proforma

Users of this Recommendation may freely reproduce the MICS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MICS. Instructions for completing the MICS proforma are specified in ITU-T Rec. X.724 | ISO/IEC 10165-6.

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Table F.1/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	invoiceReport	{cnmNotification 1}		c1			

Table F.1/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	11	invoiceInfo	–		m		
	1.1.1	serviceProviderName	–		m		
	1.1.2	invoiceData	–		m		
c1: if E.3/12a then m else –.							

F.4.2 Create and delete management operations

The specifier of a manager role implementation that claims to support the create or delete management operations on the managed objects specified in this document shall import a copy of this table and complete it.

F.4.2.1 cnmBillingController

Table F.2/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.1		
2	Delete support	–	o		

F.4.2.2 currentPacketTrafficData

Table F.3/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.2		
2	Delete support	–	o		

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F.4.2.3 historyPacketTrafficData

Table F.4/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.3		
2	Delete support	–	o		

F.4.2.4 currentMlpTrafficData

Table F.5/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.4		
2	Delete support	–	o		

F.4.2.5 historyMlpTrafficData

Table F.6/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.5		
2	Delete support	–	o		

F.4.2.6 currentSlpTrafficData

Table F.7/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.6		
2	Delete support	–	o		

F.4.2.7 historySlpTrafficData

Table F.8/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.7		
2	Delete support	–	o		

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F.4.2.8 serviceRequest

Table F.9/X.162 – Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	–	o		
1.1	Create with reference object	–	c:o.8		
2	Delete support	–	o		

Annex G³⁾

MOCS proforma

(This annex forms an integral part of this Recommendation)

G.1 Introduction

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

G.1.1 Symbols, abbreviations and terms

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

The following abbreviations are used throughout this proforma.

q821Parameter	itu-t(0) recommendation(0) q(17) q821(821) informationMode(0) parameter(5)
q821Action	itu-t(0) recommendation(0) q(17) q821(821) informationMode(0) action(3)
x790Package	itu-t(0) recommendation(0) x(24) x790(790) informationModel(0) package(4)
x790Attribute	itu-t(0) recommendation(0) x(24) x790(790) informationModel(0) attribute(7)
dmi-att	joint-iso-itu-t ms(9) smi(3) part2(2) attribute(7)
dmi-nb	joint-iso-itu-t ms(9) smi(3) part2(2) nameBinding(6)
dmi-not	joint-iso-itu-t ms(9) smi(3) part2(2) notification(10)
dmi-pkg	joint-iso-itu-t ms(9) smi(3) part2(2) package(4)
NLM.aoi	joint-iso-itu-t network-layer(13) management(0) nLM(2) attribute(7)
DLM.aoi	joint-iso-itu-t datalink-layer(15) management(0) attribute(7)
PHLM.aoi	joint-iso-itu-t physical-layer(18) management(0) attribute(7)
m3100ObjectClass	itu-t recommendation m gnm(3100) informationModel(0) managedObjectClass(3)
m3100Attribute	itu-t recommendation m gnm(3100) informationModel(0) attribute(7)
m3100NameBinding	itu-t recommendation m gnm(3100) informationModel(0) nameBinding(6)
m3100Notification	itu-t recommendation m gnm(3100) informationModel(0) notification(10)
m3100Package	itu-t recommendation m gnm(3100) informationModel(0) package(4)
umf-att	joint-iso-itu-t ms(9) function(2) part10(10) attribute(7)

³⁾ Copyright release for MOCS proforma

Users of this Recommendation may freely reproduce the MOCS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MOCS. Instructions for completing the MOCS proforma are specified in ITU-T Rec. X.724 | ISO/IEC 10165-6.

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moa-att	joint-iso-itu-t ms(9) function(2) part11(11) attribute(7)
moa-pkg	joint-iso-itu-t ms(9) function(2) part11(11) package(4)
part12Action	joint-iso-itu-t ms(9) function(2) part12(12) action(3)
part12Attribute	joint-iso-itu-t ms(9) function(2) part12(12) attribute(4)
part12Parameter	joint-iso-itu-t ms(9) function(2) part12(12) parameter(5)
part14Parameter	joint-iso-itu-t ms(9) function(2) part14(14) parameter(5)
summ-pkg	joint-iso-itu-t ms(9) function(2) part13(13) package(10)
summ-att	joint-iso-itu-t ms(9) function(2) part13(13) attribute(7)
summ-not	joint-iso-itu-t ms(9) function(2) part13(13) notification(10)
cnmObjectClass	itu-t(0) recommendation(0) x(24) 162 cnmObjectClass(3)
cnmPackage	itu-t(0) recommendation(0) x(24) 162 cnmPackage(4)
cnmParameter	itu-t(0) recommendation(0) x(24) 162 cnmParameter(5)
cnmNameBinding	itu-t(0) recommendation(0) x(24) 162 cnmNameBinding(6)
cnmAttribute	itu-t(0) recommendation(0) x(24) 162 cnmAttribute(7)
cnmNotification	itu-t(0) recommendation(0) x(24) 162 cnmNotification(10)

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

- c Conditional
- m Mandatory
- o Optional
- x Prohibited
- Not applicable

The following common notations, defined in CCITT Rec. X.291 | ISO/IEC 9646-2 are used for the support column:

- Ig the item is ignored (i.e. processed syntactically but not semantically)
- N not implemented
- Y implemented
- not applicable

G.2 Instructions for completing the MOCS proforma to produce a MOCS

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

G.3 cnmX25Entity

G.3.1 Statement of conformance to the managed object class

Table G.1/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	cnmX25Entity	{cnmObjectClass 1}		

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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 table below.

Table G.2/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.3.2 Packages

Table G.3/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c1		
3	allomorphicPackage	{dmi-pkg 17}		c2		
4	cnmX25Entity-P	–		m		
c1: if G.3/3a then m else –. c2: if G.1/b then – else m.						

G.3.3 Attributes

Table G.4/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c3		–	
4	allomorphs	{dmi-att 50}		–		c4		–	
5	cnmX25EntityId	{cnmAttribute 25}		–		m		–	
6	administrativeState	{dmi-att 31}		m		m		m	

Table G.4/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		

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Table G.4/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
5	–		–		–		
6	–		–		–		
c3: if G.3/2a then m else –. c4: if G.3/3a then m else –.							

G.4 x25TerminationPoint

G.4.1 Statement of conformance to the managed object class

Table G.5/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	x25TerminationPoint	{cnmObjectClass 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 table below.

Table G.6/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.4.2 Packages

Table G.7/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c5		
3	allomorphicPackage	{dmi-pkg 17}		c6		
4	terminationPointPackage	–		m		
5	createDeleteNotificationPackage	{m3100Package 10}		o		
6	attributeValueChangeNotificationPackage	{m3100Package 4}		o		
7	stateChangeNotificationPackage	{m3100Package 28}		o		
8	operationalStatePackage	{m3100Package 19}		o		
9	crossConnectionPointerPackage	{m3100Package 11}		o		
10	characteristicInformationPackage	{m3100Package 7}		o		
11	networkLevelPackage	{m3100Package 18}		o		
12	tmnCommunicationAlarmInformationPackage	{m3100Package 30}		o		

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Table G.7/X.162 – Package support (concluded)

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
13	alarmSeverityAssignmentPointerPackage	{m3100Package 3}		o		
14	x25TerminationPoint-P			m		
c5: if G.7/3a or any of (G.7/5a through G.7/13a) then m else –. c6: if G.5/1b then – else m.						

G.4.3 Attributes

Table G.8/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c7		–	
4	allomorphs	{dmi-att 50}		–		c8		–	
5	supportedByObjectList	{m3100Attribute 40}		–		m		–	
6	operationalState	{dmi-att 35}		–		c9		–	
7	crossConnectionObjectPointer	{m3100Attribute 16}		–		c10		–	
8	characteristicInformation	{m3100Attribute 8}				c11		–	
9	networkLevelPointer	{m3100Attribute 31}		c12		c12		c12	
10	alarmStatus	{m3100Attribute 6}		–		c13		–	
11	currentProblemList	{m3100Attribute 17}		–		c14		–	
12	alarmSeverityAssignmentProfilePointer	{m3100Attribute 3}		c15		c15		c15	
13	x25TerminationPointId	{cnmAttribute 34}		–		m		–	
14	administrativeState	{dmi-att 14}		m		m		m	

Table G.8/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		

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Table G.8/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
c7: if G.7/3a then m else –. c8: if G.7/3a then m else –. c9: if G.7/8a then m else –. c10: if G.7/9a then m else –. c11: if G.7/10a then m else –. c12: if G.7/11a then m else –. c13: if G.7/12a then m else –. c14: if G.7/12a then m else –. c15: if G.7/13a then m else –.							

G.4.4 Notifications

Table G.9/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		c16			
2	objectDeletion	{dmi-not 7}		c16			
3	attributeValueChange	{dmi-not 1}		c17			
4	stateChange	{dmi-not 14}		c18			
5	communicationAlarm	{dmi-not 2}		c19			
6	qualityofServiceAlarm	{dmi-not 11}		m			
7	processingErrorAlarm	{dmi-not 10}		m			
8	equipmentAlarm	{dmi-not 4}		m			
9	environmentAlarm	{dmi-not 3}		m			

Table G.9/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c20		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		

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Table G.9/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.1		
	1.4.2.2	nonSpecificForm	–		c:o.1		
	1.4.2.3	localDistinguishedName	–		c:o.1		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c21		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.2		
	2.4.2.2	nonSpecificForm	–		c:o.2		
	2.4.2.3	localDistinguishedName	–		c:o.2		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeID	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c22		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.3		
	3.5.2.2	nonSpecificForm	–		c:o.3		
	3.5.2.3	localDistinguishedName	–		c:o.3		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
4	4.1	sourceIndicator	{dmi-att 26}		o		
	4.2	attributeIdentifierList	{dmi-att 8}		o		
	4.3	stateChangeDefinition	{dmi-att 28}		m		
	4.3.1	attributeID	–		m		
	4.3.2	oldAttributeValue	–		o		
	4.3.3	newAttributeValue	–		m		
	4.4	notificationIdentifier	{dmi-att 16}		c23		
	4.5	correlatedNotifications	{dmi-att 12}		o		
	4.5.1	correlatedNotification	–		c:m		
	4.5.2	sourceObjectInst	–		c:o		
	4.5.2.1	distinguishedName	–		c:o.4		
	4.5.2.2	nonSpecificForm	–		c:o.4		
	4.5.2.3	localDistinguishedName	–		c:o.4		
	4.6	additionalText	{dmi-att 7}		o		
	4.7	additionalInformation	{dmi-att 6}		o		
5	5.1	probableCause	{dmi-att 18}		m		
	5.2	specificProblems	{dmi-att 27}		o		

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Table G.9/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
5	5.3	perceivedSeverity	{dmi-att 17}		o		
	5.4	backedUpStatus	{dmi-att 11}		o		
	5.5	backUpObject	{dmi-att 40}		o		
	5.6	trendIndication	{dmi-att 30}		o		
	5.7	thresholdInfo	{dmi-att 29}		o		
	5.8	notificationIdentifier	{dmi-att 16}		c24		
	5.9	correlatedNotifications	{dmi-att 12}		o		
	5.9.1	correlatedNotification	–		c:m		
	5.9.2	sourceObjectInst	–		c:o.5		
	5.9.2.1	distinguishedName	–		c:o.5		
	5.9.2.2	nonSpecificForm	–		c:o.5		
	5.9.2.3	localDistinguishedName	–		c:o.5		
	5.10	stateChangeDefinition	{dmi-att 28}		o		
	5.11	monitoredAttributes	{dmi-att 15}		o		
	5.12	proposedRepairActions	{dmi-att 19}		o		
	5.13	additionalText	{dmi-att 7}		o		
	5.14	additionalInformation	{dmi-att 6}		o		
6	6.1	probableCause	{dmi-att 18}		m		
	6.2	specificProblems	{dmi-att 27}		o		
	6.3	perceivedSeverity	{dmi-att 17}		o		
	6.4	backedUpStatus	{dmi-att 11}		o		
	6.5	backUpObject	{dmi-att 40}		o		
	6.6	trendIndication	{dmi-att 30}		o		
	6.7	thresholdInfo	{dmi-att 29}		o		
	6.8	notificationIdentifier	{dmi-att 16}		c25		
	6.9	correlatedNotifications	{dmi-att 12}		o		
	6.9.1	correlatedNotification	–		c:m		
	6.9.2	sourceObjectInst	–		c:o		
	6.9.2.1	distinguishedName	–		c:o.6		
	6.9.2.2	nonSpecificForm	–		c:o.6		
	6.9.2.3	localDistinguishedName	–		c:o.6		
	6.10	stateChangeDefinition	{dmi-att 28}		o		
	6.11	monitoredAttributes	{dmi-att 15}		o		
	6.12	proposedRepairActions	{dmi-att 19}		o		
	6.13	additionalText	{dmi-att 7}		o		
	6.14	additionalInformation	{dmi-att 6}		o		
7	7.1	probableCause	{dmi-att 18}		m		
	7.2	specificProblems	{dmi-att 27}		o		
	7.3	perceivedSeverity	{dmi-att 17}		o		
	7.4	backedUpStatus	{dmi-att 11}		o		
	7.5	backUpObject	{dmi-att 40}		o		
	7.6	trendIndication	{dmi-att 30}		o		
	7.7	thresholdInfo	{dmi-att 29}		o		
	7.8	notificationIdentifier	{dmi-att 16}		c26		
	7.9	correlatedNotifications	{dmi-att 12}		o		
	7.9.1	correlatedNotification	–		c:m		
	7.9.2	sourceObjectInst	–		c:o.7		
	7.9.2.1	distinguishedName	–		c:o.7		
	7.9.2.2	nonSpecificForm	–		c:o.7		
	7.9.2.3	localDistinguishedName	–		c:o.7		

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Table G.9/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
7	7.10	stateChangeDefinition	{dmi-att 28}		o		
	7.11	monitoredAttributes	{dmi-att 15}		o		
	7.12	proposedRepairActions	{dmi-att 19}		o		
	7.13	additionalText	{dmi-att 7}		o		
	7.14	additionalInformation	{dmi-att 6}		o		
8	8.1	probableCause	{dmi-att 18}		m		
	8.2	specificProblems	{dmi-att 27}		o		
	8.3	perceivedSeverity	{dmi-att 17}		o		
	8.4	backedUpStatus	{dmi-att 11}		o		
	8.5	backUpObject	{dmi-att 40}		o		
	8.6	trendIndication	{dmi-att 30}		o		
	8.7	thresholdInfo	{dmi-att 29}		o		
	8.8	notificationIdentifier	{dmi-att 16}		c27		
	8.9	correlatedNotifications	{dmi-att 12}		o		
	8.9.1	correlatedNotification	–		c:m		
	8.9.2	sourceObjectInst	–		c:o.8		
	8.9.2.1	distinguishedName	–		c:o.8		
	8.9.2.2	nonSpecificForm	–		c:o.8		
	8.9.2.3	localDistinguishedName	–		c:o.8		
	8.10	stateChangeDefinition	{dmi-att 28}		o		
	8.11	monitoredAttributes	{dmi-att 15}		o		
	8.12	proposedRepairActions	{dmi-att 19}		o		
	8.13	additionalText	{dmi-att 7}		o		
	8.14	additionalInformation	{dmi-att 6}		o		
9	9.1	probableCause	{dmi-att 18}		m		
	9.2	specificProblems	{dmi-att 27}		o		
	9.3	perceivedSeverity	{dmi-att 17}		o		
	9.4	backedUpStatus	{dmi-att 11}		o		
	9.5	backUpObject	{dmi-att 40}		o		
	9.6	trendIndication	{dmi-att 30}		o		
	9.7	thresholdInfo	{dmi-att 29}		o		
	9.8	notificationIdentifier	{dmi-att 16}		c28		
	9.9	correlatedNotifications	{dmi-att 12}		o		
	9.9.1	correlatedNotification	–		c:m		
	9.9.2	sourceObjectInst	–		c:o.9		
	9.9.2.1	distinguishedName	–		c:o.9		
	9.9.2.2	nonSpecificForm	–		c:o.9		
	9.9.2.3	localDistinguishedName	–		c:o.9		
	9.10	stateChangeDefinition	{dmi-att 28}		o		
	9.11	monitoredAttributes	{dmi-att 15}		o		
	9.12	proposedRepairActions	{dmi-att 19}		o		
	9.13	additionalText	{dmi-att 7}		o		
	9.14	additionalInformation	{dmi-att 6}		o		
c16: if G.7/5a then m else –. c17: if G.7/6a then m else –. c18: if G.7/7a then m else –. c19: if G.7/12a then m else –. c20: if G.9/1.4a then m else o. c21: if G.9/2.5a then m else o.							

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Table G.9/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
c22:	if G.9/3.5a	then m	else o.				
c23:	if G.9/4.5a	then m	else o.				
c24:	if G.9/5.9a	then m	else o.				
c25:	if G.9/6.9a	then m	else o.				
c26:	if G.9/7.9a	then m	else o.				
c27:	if G.9/8.9a	then m	else o.				
c28:	if G.9/9.9a	then m	else o.				

G.4.5 Parameters

Table G.10/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	logRecordIdParameter	{q821Parameter 1}		c29		
2	correlatedRecordNameParameter	{q821Parameter 2}		c29		
3	suspectObjectListParameter	{q821Parameter 3}		c29		
c29:	if G.140/12a	then m	else –.			

G.5 pdnFaultLogRecord

G.5.1 Statement of conformance to the managed object class

Table G.11/X.162 – Managed object class support

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

Table G.12/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

Superseded by a more recent version

G.5.2 Packages

Table G.13/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c30		
3	allomorphicPackage	{dmi-pkg 17}		c31		
4	logRecordPackage	–		m		
5	eventLogRecordPackage	–		m		
6	eventTimePackage	{dmi-pkg 11}		o		
7	notificationIdentifierPackage	{dmi-pkg 24}		o		
8	correlatedNotificationsPackage	{dmi-pkg 23}		o		
9	additionalTextPackage	{dmi-pkg 19}		o		
10	additionalInformationPackage	{dmi-pkg 18}		o		
11	faultLogRecord-P	–		m		
12	specificProblem-P	{cnmPackage 14}		o		
13	backedUpStatus-P	{cnmPackage 15}		c32		
14	backUpObject-P	{cnmPackage 16}		o		
15	trendIndication-P	{cnmPackage 17}		o		
16	thresholdInfo-P	{cnmPackage 18}		c33		
17	stateChangeDefinition-P	{cnmPackage 19}		o		
18	monitoredAttribute-P	{cnmPackage 20}		o		
19	proposedRepairActions-P	{cnmPackage 21}		o		
20	attributeList-P	{cnmPackage 22}		o		
21	sourceIndicator-P	{cnmPackage 23}		o		
c30: if G.13/3a or any of (G.13/6a through G.13/10a) or any of (G.13/12a through G.13/21a) then m else –. c31: if G.11/1b then – else m. c32: if G.13/10a and (G.14/18a is TRUE) then m else –. c33: if G.14/15a is thresholdCrossed then m else –.						

G.5.3 Attributes

Table G.14/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c34		–	
4	allomorphs	{dmi-att 50}		–		c35		–	
5	logRecordId	{dmi-att 3}		–		m		–	
6	loggingTime	{dmi-att 59}		–		m		–	
7	managedObjectClass	{dmi-att 60}		–		m		–	
8	managedObjectInstance	{dmi-att 61}		–		m		–	
9	eventType	{dmi-att 14}		–		m		–	

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Table G.14/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
10	eventTime	{dmi-att 13}		–		c36		–	
11	notificationIdentifier	{dmi-att 16}		–		c37		–	
12	correlatedNotification	{dmi-att 12}		–		c38		–	
13	additionalText	{dmi-att 7}		–		c39		–	
14	additionalInformation	{dmi-att 6}		–		c40		–	
15	probableCause	{dmi-att 18}		–		m		–	
16	perceivedSeverity	{dmi-att 17}		–		m		–	
17	specificProblems	{dmi-att 27}		–		c41		–	
18	backedUpStatus	{dmi-att 11}		–		c42		–	
19	backUpObject	{dmi-att 40}		–		c43		–	
20	trendIndication	{dmi-att 30}		–		c44		–	
21	thresholdInfo	{dmi-att 29}		–		c45		–	
22	stateChangeDefinition	{dmi-att 28}		–		c46		–	
23	monitoredAttributes	{dmi-att 15}		–		c47		–	
24	proposedRepairActions	{dmi-att 19}		–		c48		–	
25	attributeList	{dmi-att 9}		–		c49		–	
26	sourceIndicator	{dmi-att 26}		–		c50		–	

Table G.14/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		

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Table G.14/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
18	–		–		–		
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	–		–		–		
26	–		–		–		
c34: if G.13/2a then m else –. c35: if G.13/3a then m else –. c36: if G.13/6a then m else –. c37: if G.13/7a then m else –. c38: if G.13/8a then m else –. c39: if G.13/9a then m else –. c40: if G.13/10a then m else –. c41: if G.13/12a then m else –. c42: if G.13/13a then m else –. c43: if G.13/14a then m else –. c44: if G.13/15a then m else –. c45: if G.13/16a then m else –. c46: if G.13/17a then m else –. c47: if G.13/18a then m else –. c48: if G.13/19a then m else –. c49: if G.13/20a then m else –. c50: if G.13/21a then m else –.							

G.6 pdnTelecommunicationsTroubleReport

G.6.1 Statement of conformance to the managed object class

Table G.15/X.162 – Managed object class support

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

Table G.16/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

Superseded by a more recent version

G.6.2 Packages

Table G.17/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c51		
3	allomorphicPackage	{dmi-pkg 17}		c52		
4	troubleReportPkg	–		m		
5	trActivityDurationPkg	{x790Package 86}		o		
6	trAgentContactPersonAttributePkg	{x790Package 87}		c53		
7	trAgentContactPersonObjectPkg	{x790Package 88}		c54		
8	trCloseOutNarrPkg	{x790Package 89}		o		
9	trManagedObjectInstanceAliasList	{x790Package 90}		o		
10	x790NumberListPkg	{x790Package 91}		o		
11	trRelatedTroubleReportListPkg	{x790Package 92}		o		
12	trRepairActivityListPkg	{x790Package 93}		o		
13	trRestoredTimePkg	{x790Package 94}		o		
14	trTroubleClearancePersonAttributePkg	{x790Package 95}		o		
15	trTroubleReportFormatObjectPkg	{x790Package 96}		o		
16	x790AttributeValueChangePkg	{x790Package 97}		o		
17	trObjectCreationDeletionPkg	{x790Package 98}		o		
18	trHistoryEventPkg	{x790Package 99 }		o		
19	trAfterHrsRepairAuthPkg	{x790Package 23}		c55		
20	trAlarmRecordPtrListPkg	{x790Package 24}		o		
21	trAlternateManagerContactPersonAttribute	{x790Package 25}		c56		
22	trAlternateManagerContactPersonObjectPkg	{x790Package 26}		c57		
23	trAuthorizationListPkg	{x790Package 27}		c58		
24	trCallBackInfoListPkg	{x790Package 28}		o		
25	trCalledNumberPkg	{x790Package 29}		o		
26	trCancelRequestedByManagerPkg	{x790Package 30}		o		
27	trCloseOutVerificationPkg	{x790Package 31}		o		
28	trCommitmentTimePkg	{x790Package 32}		o		
29	trCommitmentRequestPkg	{x790Package 33}		o		
30	trCustomerWorkCenterPkg	{x790Package 34}		o		
31	trCustTroubleTickNumPkg	{x790Package 35}		o		
32	trDialogPkg	{x790Package 36}		o		
33	trEscalationListPkg	{x790Package 37}		o		
34	trHandOffCenterPkg	{x790Package 38}		o		
35	trHandOffLocationPkg	{x790Package 39}		o		
36	trHandOffPersonNamePkg	{x790Package 40}		c59		
37	trHandOffPersonPtrPkg	{x790Package 41}		c60		
38	trHandOffTimePkg	{x790Package 42}		o		
39	trInitiatingModePkg	{x790Package 43}		o		
40	trLastUpdateTimePkg	{x790Package 44}		o		

Superseded by a more recent version

Table G.17/X.162 – Package support (concluded)

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
41	trALocationPkg	{x790Package 45}		o		
42	trZLocationPkg	{x790Package 46}		o		
43	trALocationAccessHoursPkg	{x790Package 47}		o		
44	trZLocationAccessHoursPkg	{x790Package 48}		o		
45	trALocationAccessPersonPkg	{x790Package 49}		o		
46	trZLocationAccessPersonPkg	{x790Package 50}		o		
47	trMaintenanceOrgContactNamePkg	{x790Package 51}		c61		
48	trMaintenanceOrgContactPtrPkg	{x790Package 52}		c62		
49	trMaintenanceOrgContactTimePkg	{x790Package 53}		o		
50	trMaintServicePkg	{x790Package 54}		o		
51	trManagedObjectAccessHoursPkg	{x790Package 55}		o		
52	trManagedObjectAccessFromTimePkg	{x790Package 56}		o		
53	trManagedObjectAccessToTimePkg	{x790Package 57}		o		
54	trManagerContactPersonAttributePkg	{x790Package 58}		c63		
55	trManagerContactPersonObjectPkg	{x790Package 59}		c64		
56	trManagerSearchKeyPkg	{x790Package 60}		c65		
57	trManagerSearchKeyListPkg	{x790Package 61}		c66		
58	trOutageDurationPkg	{x790Package 62}		o		
59	trPerceivedTroubleSeverityPkg	{x790Package 63}		o		
60	trPreferredPriorityPkg	{x790Package 64}		o		
61	trRepeatReportPkg	{x790Package 65}		o		
62	trResponsiblePersonNamePkg	{x790Package 66}		c67		
63	trResponsiblePersonPtrPkg	{x790Package 67}		c68		
64	trSuspectObjectListPkg	{x790Package 68}		o		
65	trTroubleDetectionPkg	{x790Package 69}		o		
66	trTroubleLocationPkg	{x790Package 70}		o		
67	trTroubleReportStatusWindowPkg	{x790Package 71}		o		
68	trTspPriorityPkg	{x790Package 72}		o		
69	pdnTTR-P	–		m		
c51: if G.17/3a or any of (G.17/5a through G.17/69a) then m else –. c52: if G.15/1b then m else –. c53: if G.17/7a then – else m. c54: if G.17/6a then – else m. c55: if G.17/23a then – else m. c56: if G.17/22a then – else m. c57: if G.17/21a then – else m. c58: if G.17/19a then – else m. c59: if G.17/37a then – else m. c60: if G.17/36a then – else m. c61: if G.17/48a then – else m. c62: if G.17/47a then – else m. c63: if G.17/55a then – else m. c64: if G.17/54a then – else m. c65: if G.17/57a then – else m. c66: if G.17/56a then – else m. c67: if G.17/63a then – else m. c68: if G.17/62a then – else m.						

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G.6.3 Attributes

Table G.18/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c69		–	
4	allomorphs	{dmi-att 50}		–		c70		–	
5	additionalTroubleInfoList	{x790Attribute 8}		–		m		–	
6	managedObjectInstance	{x790Attribute 63}		–		m		–	
7	receivedTime	{x790Attribute 74}		–		m		–	
8	troubleFound	{x790Attribute 92}	INITIAL VALUE	x		m		m	
9	troubleReportID	{x790Attribute 97}		–		m		–	
10	troubleReportState	{x790Attribute 101}		m		m		m	
11	troubleReportStatus	{x790Attribute 102}		m		m		m	
12	troubleReportStatusTime	{x790Attribute 103}		–		m		–	
13	troubleType	{x790Attribute 105}		–		m		–	
14	activityDuration	{x790Attribute 4}		–		c71		–	
15	agentContactPerson	{x790Attribute 11}		–		c72		–	
16	agentContactObjectPtr	{x790Attribute 12}		–		c73		–	
17	closeOutNarr	{x790Attribute 23}	INITIAL VALUE	c74		c75		c75	
18	managedObjectInstanceAliasList	{x790Attribute 64}		–		c76		–	
19	troubleReportNumberList	{x790Attribute 100}		–		c77		–	
20	relatedTroubleReportList	{x790Attribute 75}		–		c78		–	
21	repairActivityList	{x790Attribute 77}	INITIAL VALUE	c79		c80		–	
22	restoredTime	{x790Attribute 81}	INITIAL VALUE	c81		c82		c82	
23	troubleClearancePerson	{x790Attribute 90}	DEFAULT VALUE	c83		c83		c83	
24	troubleReportFormatObjectPtr	{x790Attribute 95}		–		c84		–	
25	afterHrsRepairAuth	{x790Attribute 10}	DEFAULT VALUE	c85		c85		c85	
26	alarmRecordPtrList	{x790Attribute 13}		–		c86		–	
27	alternateManagerContactPerson	{x790Attribute 14}		c87		c87		c87	
28	alternateManagerContactObjectPtr	{x790Attribute 15}		c88		c88		c88	
29	authorizationList	{x790Attribute 18}		c89		c89		c89	
30	callBackInfoList	{x790Attribute 20}		c90		c90		c90	
31	calledNumber	{x790Attribute 21}		–		c91		–	
32	cancelRequestedByManager	{x790Attribute 22}		c92		c92		c92	
33	closeOutVerification	{x790Attribute 33}		c93		c93		c93	

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Table G.18/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
34	commitmentTime	{x790Attribute 24}		–		c94		–	
35	commitmentTimeRequest	{x790Attribute 25}		c95		c95		c95	
36	customerWorkCenter	{x790Attribute 35}		c96		c96		–	
37	custTroubleTickNum	{x790Attribute 34}		c97		c97		–	
38	dialog	{x790Attribute 36}		c98		c98		c98	
39	escalationList	{x790Attribute 40}		–		c99		–	
40	handOffCenter	{x790Attribute 42}	INITIAL VALUE	c100		c101		–	
41	handOffLocation	{x790Attribute 43}	INITIAL VALUE	c102		c103		–	
42	handOffPersonName	{x790Attribute 45}	INITIAL VALUE	c104		c105		c105	
43	handOffPersonPtr	{x790Attribute 46}		c106		c106		c106	
44	handOffTime	{x790Attribute 47}	INITIAL VALUE	c107		c108		–	
45	initiatingMode	{x790Attribute 48}		–		c109		–	
46	lastUpdateTime	{x790Attribute 49}		–		c110		–	
47	aLocationAccessAddress	{x790Attribute 50}		c111		c111		c111	
48	zLocationAccessAddress	{x790Attribute 51}		c112		c112		c112	
49	aLocationAccessHours	{x790Attribute 52}		c113		c113		c113	
50	zLocationAccessHours	{x790Attribute 53}		c114		c114		c114	
51	aLocationAccessPerson	{x790Attribute 54}		c115		c115		c115	
52	zLocationAccessPerson	{x790Attribute 55}		c116		c116		c116	
53	maintenanceOrgContactName	{x790Attribute 56}	INITIAL VALUE	c117		c118		c118	
54	maintenanceOrgContactPtr	{x790Attribute 57}		c119		c119		c119	
55	maintenanceOrgContactTime	{x790Attribute 58}	INITIAL VALUE	c120		c121		c121	
56	maintServiceChange	{x790Attribute 59}	INITIAL VALUE	c122		c123		–	
57	managedObjectAccessHours	{x790Attribute 61}		c124		c124		c124	
58	managedObjectAccessFromTime	{x790Attribute 60}		c125		c125		c125	
59	managedObjectAccessToTime	{x790Attribute 62}		c126		c126		c126	
60	managerContactPerson	{x790Attribute 65}		c127		c127		c127	
61	managerContactObjectPtr	{x790Attribute 66}		c128		c128		c128	
62	managerSearchKey1	{x790Attribute 67}		c129		c129		c129	
63	managerSearchKey2	{x790Attribute 68}		c129		c129		c129	
64	managerSearchKey3	{x790Attribute 69}		c129		c129		c129	
65	managerSearchKeyList	{x790Attribute 70}		c130		c130		c130	
66	outageDuration	{x790Attribute 71}	INITIAL VALUE	c131		c132		–	
67	perceivedTroubleSeverity	{x790Attribute 72}		c133		c133		c133	

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Table G.18/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
68	preferredPriority	{x790Attribute 73}		c134		c134		c134	
69	repeatReport	{x790Attribute 78}		c135		c135		c135	
70	responsiblePersonName	{x790Attribute 79}		c136		c136		c136	
71	responsiblePersonPtr	{x790Attribute 80}		c137		c137		c137	
72	suspectObjectList	{x790Attribute 88}		c138		c138		–	
73	troubleDetectionTime	{x790Attribute 91}		c139		c139		c139	
74	troubleLocation	{x790Attribute 93}		c140		c140		c140	
75	additionalTroubleStatusInfo	{x790Attribute 9}		–		c141		–	
76	troubleReportStatusWindow	{x790Attribute 9}		c141		c141		c141	
77	tspPriority	{x790Attribute 106}		c142		c142		–	
78	troubleTypePspdn	{cnmAttribute 63}		–		m		–	

Table G.18/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	m		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	c71		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
18	–		–		–		
19	–		–		–		
20	–		–		–		
21	c80		–		–		
22	–		–		–		
23	–		–		c83		
24	–		–		–		

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Table G.18/X.162 – Attribute support (continued)

	Add		Remove		Set To Default		
Index	Status	Support	Status	Support	Status	Support	Additional information
25	–		–		c85		
26	–		–		–		
27	–		–		–		
28	–		–		–		
29	c89		c89		c89		
30	c90		c90		–		
31	–		–		–		
32	–		–		c92		
33	–		–		c93		
34	–		–		–		
35	–		–		–		
36	–		–		–		
37	–		–		–		
38	–		–		–		
39	c99		–		–		
40	–		–		–		
41	–		–		–		
42	–		–		–		
43	–		–		–		
44	–		–		–		
45	–		–		–		
46	–		–		–		
47	–		–		–		
48	–		–		–		
49	c113		c113		–		
50	c114		c114		–		
51	–		–		–		
52	–		–		–		
53	–		–		–		
54	–		–		–		
55	–		–		–		
56	–		–		–		
57	c124		c124		–		
58	–		–		–		
59	–		–		–		
60	–		–		–		
61	–		–		–		
62	–		–		–		
63	–		–		–		
64	–		–		–		
65	c130		c130		–		
66	–		–		–		
67	–		–		–		
68	–		–		–		

Superseded by a more recent version

Table G.18/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
69	–		–		–		
70	–		–		–		
71	–		–		–		
72	–		–		–		
73	–		–		c139		
74	–		–		–		
75	–		–		–		
76	–		–		–		
77	–		–		–		
78	–		–		–		
c69: if G.17/2a then m else –. c70: if G.17/3a then m else –. c71: if G.17/5a then m else –. c72: if G.17/6a then m else –. c73: if G.17/7a then m else –. c74: if G.17/8a then x else –. c75: if G.17/8a then m else –. c76: if G.17/9a then m else –. c77: if G.17/10a then m else –. c78: if G.17/11a then m else –. c79: if G.17/12a then x else –. c80: if G.17/12a then m else –. c81: if G.17/13a then x else –. c82: if G.17/13a then m else –. c83: if G.17/14a then x else –. c84: if G.17/15a then m else –. c85: if G.17/19a then m else –. c86: if G.17/20a then m else –. c87: if G.17/21a then m else –. c88: if G.17/22a then m else –. c89: if G.17/23a then m else –. c90: if G.17/24a then m else –. c91: if G.17/25a then m else –. c92: if G.17/26a then m else –. c93: if G.17/27a then m else –. c94: if G.17/28a then m else –. c95: if G.17/29a then m else –. c96: if G.17/30a then m else –. c97: if G.17/31a then m else –. c98: if G.17/32a then m else –. c99: if G.17/33a then m else –. c100: if G.17/34a then x else –. c101: if G.17/34a then m else –. c102: if G.17/35a then x else –. c103: if G.17/35a then m else –. c104: if G.17/36a then x else –. c105: if G.17/36a then m else –. c106: if G.17/37a then m else –. c107: if G.17/38a then x else –. c108: if G.17/38a then m else –. c109: if G.17/39a then m else –. c110: if G.17/40a then m else –. c111: if G.17/41a then m else –. c112: if G.17/42a then m else –. c113: if G.17/43a then m else –. c114: if G.17/44a then m else –. c115: if G.17/45a then m else –. c116: if G.17/46a then m else –. c117: if G.17/47a then x else –. c118: if G.17/47a then m else –. c119: if G.17/48a then m else –. c120: if G.17/49a then x else –. c121: if G.17/49a then m else –. c122: if G.17/50a then x else –. c123: if G.17/50a then m else –. c124: if G.17/51a then m else –. c125: if G.17/52a then m else –. c126: if G.17/53a then m else –. c127: if G.17/54a then m else –. c128: if G.17/55a then m else –. c129: if G.17/56a then m else –. c130: if G.17/57a then m else –. c131: if G.17/58a then x else –. c132: if G.17/58a then m else –. c133: if G.17/59a then m else –. c134: if G.17/60a then m else –. c135: if G.17/61a then m else –. c136: if G.17/62a then m else –. c137: if G.17/63a then m else –. c138: if G.17/64a then m else –. c139: if G.17/65a then m else –. c140: if G.17/66a then m else –. c141: if G.17/67a then m else –. c142: if G.17/68a then m else –.							

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G.6.4 Notifications

Table G.19/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		c143			
2	objectDeletion	{dmi-not 7}		c143			
3	attributeValueChange	{dmi-not 1}		c144			
4	troubleHistoryEventNotification	{x790Notification 1}		c145			
5	troubleReportProgressNotification	{x790Notification 2}		c146			

Table G.19/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c147		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.10		
	1.4.2.2	nonSpecificForm	–		c:o.10		
	1.4.2.3	localDistinguishedName	–		c:o.10		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c148		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.11		
	2.4.2.2	nonSpecificForm	–		c:o.11		
	2.4.2.3	localDistinguishedName	–		c:o.11		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIndicator	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeID	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c149		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.12		

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Table G.19/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
3	3.5.2.2	nonSpecificForm	–		c:o.12		
	3.5.2.3	localDistinguishedName	–		c:o.12		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		–		
4	4.1	managedObjectInstance	–		m		
	4.2	receivedTime	–		m		
	4.3	troubleFound	–		m		
	4.3.1	number	–		o		
	4.3.2	identifier	–		o		
	4.4	activityDuration	–		o		
	4.4.1	duration	–		c:m		
	4.4.1.1	day	–		c:o.13		
	4.4.1.2	hour	–		c:o.13		
	4.4.1.3	minute	–		c:o.13		
	4.4.1.4	second	–		c:o.13		
	4.4.1.5	msec	–		c:o.13		
	4.4.2	billable	–		c:m		
	4.4.3	type	–		c:m		
	4.5	additionalTroubleInfoList	–		o		
	4.6	authorizationList	–		o		
	4.6.1	state	–		c:m		
	4.6.2	type	–		c:m		
	4.6.3	authTime	–		c:o.14		
	4.6.4	authPerson	–		c:o.14		
	4.6.4.1	number	–		c:m		
	4.6.4.2	name	–		c:m		
	4.6.4.3	phone	–		c:m		
	4.6.4.4	loc	–		c:m		
	4.6.4.4.1	civicAddress	–		c:m		
	4.6.4.4.2	city	–		c:m		
	4.6.4.4.3	state	–		c:m		
	4.6.4.4.4	zip	–		c:m		
	4.6.4.5	email	–		c:m		
	4.6.4.6	fax	–		c:m		
	4.6.4.7	respon	–		c:m		
	4.7	cancelRequestedByManager	–		o		
	4.8	closeOutNarr	–		o		
	4.9	closeOutVerification	–		o		
	4.10	commitmentTime	–		o		
	4.10.1	onsiteTime	–		c:o.15		
	4.10.2	clearedTime	–		c:o.15		
	4.11	custTroubleTickNum	–		o		
	4.12	perceivedTroubleSeverity	–		o		
	4.12.1	number	–		c:o.16		
	4.12.2	identifier	–		c:o.16		
	4.13	restoredTime	–		o		
	4.14	troubleClearancePerson	–		o		
	4.14.1	number	–		c:m		
	4.14.2	name	–		c:m		
	4.14.3	phone	–		c:m		

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Table G.19/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
4	4.14.4	loc	–		c:m		
	4.14.4.1	civicAddress	–		c:m		
	4.14.4.2	city	–		c:m		
	4.14.4.3	state	–		c:m		
	4.14.4.4	zip	–		c:m		
	4.14.5	email	–		c:m		
	4.14.6	fax	–		c:m		
	4.14.7	respon	–		c:m		
	4.15	troubleReportNumberList	–		o		
	4.16	troubleType	–		o		
	4.16.1	number	–		c:o.17		
	4.16.2	identifier	–		c:o.17		
5	5.1	troubleReportStatus	–		m		
	5.1.1	number	–		o		
	5.1.2	identifier	–		o		
	5.2	additionalTroubleStatusInfo	–		o		
c143: if G.17/17a then m else –. c144: if G.17/10a then m else –. c145: if G.17/18a then m else –. c146: if G.17/67a then m else –. c147: if G.19/1.4a then m else o. c148: if G.19/2.4a then m else o. c149: if G.19/3.5a then m else o.							

G.7 pdnTroubleHistoryRecord

G.7.1 Statement of conformance to the managed object class

Table G.20/X.162 – Managed object class support

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

Table G.21/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

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G.7.2 Packages

Table G.22/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c150		
3	allomorphicPackage	{dmi-pkg 17}		c151		
4	logRecordPackage	–		m		
5	eventLogRecordPackage	–		m		
6	eventTimePackage	{dmi-pkg 11}		o		
7	notificationIdentifierPackage	{dmi-pkg 24}		o		
8	correlatedNotificationsPackage	{dmi-pkg 23}		o		
9	additionalTextPackage	{dmi-pkg 19}		o		
10	additionalInformationPackage	{dmi-pkg 18}		o		
11	troubleHistoryRecordPkg	–		m		
12	thrActivityDurationPkg	{x790Package 73}		o		
13	thrAdditionalTroubleInfoListPkg	{x790Package 74}		o		
14	thrAuthorizationPkg	{x790Package 75}		o		
15	thrCancelRequestedByManagerPkg	{x790Package 76}		o		
16	thrCloseOutNarrPkg	{x790Package 77}		o		
17	thrCloseOutVerificationPkg	{x790Package 78}		o		
18	thrCommitmentTimePkg	{x790Package 79}		o		
19	thrCustTroubleTickNumPkg	{x790Package 80}		o		
20	thrPerceivedTimePkg	{x790Package 81}		o		
21	thrRestoredTimePkg	{x790Package 82}		o		
22	thrTroubleClearancePersonPkg	{x790Package 83}		o		
23	thrTroubleReportNumberListPkg	{x790Package 84}		o		
24	thrTroubleTypePkg	{x790Package 85}		o		
25	troubleTypePspdnPkg	{cnmPackage 24}		o		
c150: if G.22/3a or any of (G.22/6a through G.22/10a) or any of (G.22/12a through G.22/25a) then m else –.						
c151: if G.20/1b then – else m.						

G.7.3 Attributes

Table G.23/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c152		–	
4	allomorphs	{dmi-att 50}		–		c153		–	
5	logRecordId	{dmi-att 3}		–		m		–	
6	loggingTime	{dmi-att 59}		–		m		–	

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Table G.23/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
7	managedObjectClass	{dmi-att 60}		–		m		–	
8	managedObjectInstance	{dmi-att 61}		–		m		–	
9	eventType	{dmi-att 14}		–		m		–	
10	eventTime	{dmi-att 13}		–		c154		–	
11	notificationIdentifier	{dmi-att 16}		–		c155		–	
12	correlatedNotification	{dmi-att 12}		–		c156		–	
13	additionalText	{dmi-att 7}		–		c157		–	
14	additionalInformation	{dmi-att 6}		–		c158		–	
15	eventTime	{dmi-att 13}		–		m		–	
16	managedObjectInstance	{x790Attribute 63}		–		m		–	
17	receivedTime	{x790Attribute 74}		–		m		–	
18	troubleFound	{x790Attribute 92}		–		m		–	
19	activityDuration	{x790Attribute 4}		–		c159		–	
20	additionalTroubleInfoList	{x790Attribute 8}		–		c160		–	
21	authorizationList	{x790Attribute 18}		–		c161		–	
22	cancelRequestedByManager	{x790Attribute 22}		–		c162		–	
23	closeOutNarr	{x790Attribute 23}		–		c163		–	
24	closeOutVerification	{x790Attribute 33}		–		c164		–	
25	commitmentTime	{x790Attribute 24}		–		c165		–	
26	custTroubleTickNum	{x790Attribute 34}		–		c166		–	
27	perceivedTroubleSeverity	{x790Attribute 72}		–		c167		–	
28	restoredTime	{x790Attribute 81}		–		c168		–	
29	troubleClearancePerson	{x790Attribute 90}		–		c169		–	
30	troubleReportNumberList	{x790Attribute 100}		–		c170		–	
31	troubleType	{x790Attribute 105}		c171		c171		–	
32	troubleTypePspdn	{cnmAttribute 63}		–		c172		–	

Superseded by a more recent version

Table G.23/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
18	–		–		–		
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	–		–		–		
26	–		–		–		
27	–		–		–		
28	–		–		–		
29	–		–		–		
30	–		–		–		
31	–		–		–		
32	–		–		–		
c152: if G.22/2a then m else –. c153: if G.22/3a then m else –. c154: if G.22/6a then m else –. c155: if G.22/7a then m else –. c156: if G.22/8a then m else –. c157: if G.22/9a then m else –. c158: if G.22/10a then m else –. c159: if G.22/12a then m else –. c160: if G.22/13a then m else –. c161: if G.22/14a then m else –. c162: if G.22/15a then m else –. c163: if G.22/16a then m else –. c164: if G.22/17a then m else –. c165: if G.22/18a then m else –. c166: if G.22/19a then m else –. c167: if G.22/20a then m else –. c168: if G.22/21a then m else –. c169: if G.22/22a then m else –. c170: if G.22/23a then m else –. c171: if G.22/24a then m else –. c172: if G.22/25a then m else –.							

Superseded by a more recent version

G.8 cnmLoopbackPoint

G.8.1 Statement of conformance to the managed object class

Table G.24/X.162 – Managed object class support

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

Table G.25/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.8.2 Packages

Table G.26/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c173		
3	allomorphicPackage	{dmi-pkg 17}		c174		
4	terminationPointPackage	–		m		
5	createDeleteNotificationPackage	{m3100Package 10}		o		
6	attributeValueChangeNotificationPackage	{m3100Package 4}		o		
7	stateChangeNotificationPackage	{m3100Package 28}		o		
8	operationalStatePackage	{m3100Package 19}		o		
9	crossConnectionPointerPackage	{m3100Package 11}		o		
10	characteristicInformationPackage	{m3100Package 7}		o		
11	networkLevelPackage	{m3100Package 18}		o		
12	tmnCommunicationAlarmInformationPackage	{m3100Package 30}		o		
13	alarmSeverityAssignmentPointerPackage	{m3100Package 3}		o		
14	x25TerminationPoint-P	–		m		
15	cnmLoopbackPointPackage	–		m		

c173: if G.26/3a or any of (G.26/5a through G.26/13a) then m else –.

c174: if G.2341b then – else m.

Superseded by a more recent version

G.8.3 Attributes

Table G.27/X.162 – 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
1	objectClass	{ dmi-att 65 }		–		m		–	
2	nameBinding	{ dmi-att 63 }		–		m		–	
3	packages	{ dmi-att 66 }		–		c175		–	
4	allomorphs	{ dmi-att 50 }		–		c176		–	
5	supportedByObjectList	{ m3100Attribute 40 }		–		m		–	
6	operationalState	{ dmi-att 35 }		–		c177		–	
7	crossConnectionObjectPointer	{ m3100Attribute 16 }		–		c178		–	
8	characteristicInformation	{ m3100Attribute 8 }		–		c179		–	
9	networkLevelPointer	{ m3100Attribute 31 }		c180		c180		c180	
10	alarmStatus	{ m3100Attribute 6 }		–		c181		–	
11	currentProblemList	{ m3100Attribute 17 }		–		c182		–	
12	alarmSeverityAssignmentProfilePointer	{ m3100Attribute 3 }		c183		c183		c183	
13	x25TerminationPointId	{ cnmAttribute 34 }		–		m		–	
14	administrativeState	{ dmi-att 14 }		m		m		m	
15	locationPointer	{ cnmAttribute 68 }		–		m		–	
16	loopbackStatus	{ cnmAttribute 69 }		m		m		m	

Table G.27/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		

Superseded by a more recent version

Table G.27/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
14	–		–		–		
15	–		–		–		
16	–		–		–		
c175: if G.26/2a then m else –. c176: if G.26/3a then m else –. c177: if G.26/8a then m else –. c178: if G.26/9a then m else –. c179: if G.26/10a then m else –. c180: if G.26/11a then m else –. c181: if G.26/12a then m else –. c182: if G.26/12a then m else –. c183: if G.26/13a then m else –.							

G.8.4 Notifications

Table G.28/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		c184			
2	objectDeletion	{dmi-not 7}		c184			
3	attributeValueChange	{dmi-not 1}		c185			
4	stateChange	{dmi-not 14}		c186			
5	communicationAlarm	{dmi-not 2}		c187			
6	qualityofServiceAlarm	{dmi-not 11}		m			
7	processingErrorAlarm	{dmi-not 10}		m			
8	equipmentAlarm	{dmi-not 4}		m			
9	environmentAlarm	{dmi-not 3}		m			

Table G.28/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c188		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.18		
	1.4.2.2	nonSpecificForm	–		c:o.18		
	1.4.2.3	localDistinguishedName	–		c:o.18		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		

Superseded by a more recent version

Table G.28/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c189		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.19		
	2.4.2.2	nonSpecificForm	–		c:o.19		
	2.4.2.3	localDistinguishedName	–		c:o.19		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeID	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c190		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.20		
	3.5.2.2	nonSpecificForm	–		c:o.20		
	3.5.2.3	localDistinguishedName	–		c:o.20		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
4	4.1	sourceIndicator	{dmi-att 26}		o		
	4.2	attributeIdentifierList	{dmi-att 8}		o		
	4.3	stateChangeDefinition	{dmi-att 23}		m		
	4.3.1	attributeID	–		m		
	4.3.2	oldAttributeValue	–		o		
	4.3.3	newAttributeValue	–		m		
	4.4	notificationIdentifier	{dmi-att 16}		c191		
	4.5	correlatedNotifications	{dmi-att 12}		o		
	4.5.1	correlatedNotification	–		c:m		
	4.5.2	sourceObjectInst	–		c:o		
	4.5.2.1	distinguishedName	–		c:o.21		
	4.5.2.2	nonSpecificForm	–		c:o.21		
	4.5.2.3	localDistinguishedName	–		c:o.21		
	4.6	additionalText	{dmi-att 7}		o		
	4.7	additionalInformation	{dmi-att 6}		o		
5	5.1	probableCause	{dmi-att 18}		m		
	5.2	specificProblems	{dmi-att 27}		o		
	5.3	perceivedSeverity	{dmi-att 17}		o		
	5.4	backedUpStatus	{dmi-att 11}		o		
	5.5	backUpObject	{dmi-att 40}		o		
	5.6	trendIndication	{dmi-att 30}		o		
	5.7	thresholdInfo	{dmi-att 29}		o		
	5.8	notificationIdentifier	{dmi-att 16}		c192		
	5.9	correlatedNotifications	{dmi-att 12}		o		

Superseded by a more recent version

Table G.28/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
5	5.9.1	correlatedNotification	–		c:m		
	5.9.2	sourceObjectInst	–		c:o.22		
	5.9.2.1	distinguishedName	–		c:o.22		
	5.9.2.2	nonSpecificForm	–		c:o.22		
	5.9.2.3	localDistinguishedName	–		c:o.22		
	5.10	stateChangeDefinition	{ dmi-att 28 }		o		
	5.11	monitoredAttributes	{ dmi-att 15 }		o		
	5.12	proposedRepairActions	{ dmi-att 19 }		o		
	5.13	additionalText	{ dmi-att 7 }		o		
	5.14	additionalInformation	{ dmi-att 6 }		o		
6	6.1	probableCause	{ dmi-att 18 }		m		
	6.2	specificProblems	{ dmi-att 27 }		o		
	6.3	perceivedSeverity	{ dmi-att 17 }		o		
	6.4	backedUpStatus	{ dmi-att 11 }		o		
	6.5	backUpObject	{ dmi-att 40 }		o		
	6.6	trendIndication	{ dmi-att 30 }		o		
	6.7	thresholdInfo	{ dmi-att 29 }		o		
	6.8	notificationIdentifier	{ dmi-att 16 }		c193		
	6.9	correlatedNotifications	{ dmi-att 12 }		o		
	6.9.1	correlatedNotification	–		c:m		
	6.9.2	sourceObjectInst	–		c:o		
	6.9.2.1	distinguishedName	–		c:o.23		
	6.9.2.2	nonSpecificForm	–		c:o.23		
	6.9.2.3	localDistinguishedName	–		c:o.23		
	6.10	stateChangeDefinition	{ dmi-att 28 }		o		
	6.11	monitoredAttributes	{ dmi-att 15 }		o		
	6.12	proposedRepairActions	{ dmi-att 19 }		o		
	6.13	additionalText	{ dmi-att 7 }		o		
	6.14	additionalInformation	{ dmi-att 6 }		o		
7	7.1	probableCause	{ dmi-att 18 }		m		
	7.2	specificProblems	{ dmi-att 27 }		o		
	7.3	perceivedSeverity	{ dmi-att 17 }		o		
	7.4	backedUpStatus	{ dmi-att 11 }		o		
	7.5	backUpObject	{ dmi-att 40 }		o		
	7.6	trendIndication	{ dmi-att 30 }		o		
	7.7	thresholdInfo	{ dmi-att 29 }		o		
	7.8	notificationIdentifier	{ dmi-att 16 }		c194		
	7.9	correlatedNotifications	{ dmi-att 12 }		o		
	7.9.1	correlatedNotification	–		c:m		
	7.9.2	sourceObjectInst	–		c:o.24		
	7.9.2.1	distinguishedName	–		c:o.24		
	7.9.2.2	nonSpecificForm	–		c:o.24		
	7.9.2.3	localDistinguishedName	–		c:o.24		
	7.10	stateChangeDefinition	{ dmi-att 28 }		o		
	7.11	monitoredAttributes	{ dmi-att 15 }		o		
	7.12	proposedRepairActions	{ dmi-att 19 }		o		
	7.13	additionalText	{ dmi-att 7 }		o		
	7.14	additionalInformation	{ dmi-att 6 }		o		
8	8.1	probableCause	{ dmi-att 18 }		m		
	8.2	specificProblems	{ dmi-att 27 }		o		

Superseded by a more recent version

Table G.28/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
8	8.3	perceivedSeverity	{dmi-att 17}		o		
	8.4	backedUpStatus	{dmi-att 11}		o		
	8.5	backUpObject	{dmi-att 40}		o		
	8.6	trendIndication	{dmi-att 30}		o		
	8.7	thresholdInfo	{dmi-att 29}		o		
	8.8	notificationIdentifier	{dmi-att 16}		c195		
	8.9	correlatedNotifications	{dmi-att 12}		o		
	8.9.1	correlatedNotification	–		c:m		
	8.9.2	sourceObjectInst	–		c:o.25		
	8.9.2.1	distinguishedName	–		c:o.25		
	8.9.2.2	nonSpecificForm	–		c:o.25		
	8.9.2.3	localDistinguishedName	–		c:o.25		
	8.10	stateChangeDefinition	{dmi-att 28}		o		
	8.11	monitoredAttributes	{dmi-att 15}		o		
	8.12	proposedRepairActions	{dmi-att 19}		o		
	8.13	additionalText	{dmi-att 7}		o		
	8.14	additionalInformation	{dmi-att 6}		o		
9	9.1	probableCause	{dmi-att 18}		m		
	9.2	specificProblems	{dmi-att 27}		o		
	9.3	perceivedSeverity	{dmi-att 17}		o		
	9.4	backedUpStatus	{dmi-att 11}		o		
	9.5	backUpObject	{dmi-att 40}		o		
	9.6	trendIndication	{dmi-att 30}		o		
	9.7	thresholdInfo	{dmi-att 29}		o		
	9.8	notificationIdentifier	{dmi-att 16}		c196		
	9.9	correlatedNotifications	{dmi-att 12}		o		
	9.9.1	correlatedNotification	–		c:m		
	9.9.2	sourceObjectInst	–		c:o.26		
	9.9.2.1	distinguishedName	–		c:o.26		
	9.9.2.2	nonSpecificForm	–		c:o.26		
	9.9.2.3	localDistinguishedName	–		c:o.26		
	9.10	stateChangeDefinition	{dmi-att 28}		o		
	9.11	monitoredAttributes	{dmi-att 15}		o		
	9.12	proposedRepairActions	{dmi-att 19}		o		
	9.13	additionalText	{dmi-att 7}		o		
	9.14	additionalInformation	{dmi-att 6}		o		
c184: if G.26/5a then m else –. c185: if G.26/6a then m else –. c186: if G.26/7a then m else –. c187: if G.26/12a then m else –. c188: if G.28/1.4a then m else o. c189: if G.28/2.5a then m else o. c190: if G.28/3.5a then m else o. c191: if G.28/4.5a then m else o. c192: if G.28/5.9a then m else o. c193: if G.28/6.9a then m else o. c194: if G.28/7.9a then m else o. c195: if G.28/8.9a then m else o. c196: if G.28/9.9a then m else o.							

Superseded by a more recent version

G.8.5 Parameters

Table G.29/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	logRecordIdParameter	{q821Parameter 1}		c197		
2	correlatedRecordNameParameter	{q821Parameter 2}		c197		
3	suspectObjectListParameter	{q821Parameter 3}		c197		
c197: if G.26/12a then m else –.						

G.9 x25PhysicalConnection

G.9.1 Statement of conformance to the managed object class

Table G.30/X.162 – Managed object support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	x25PhysicalConnection	{cnmObjectClass 24}		

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 table below.

Table G.31/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.9.2 Packages

Table G.32/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c198		
3	allomorphicPackage	{dmi-pkg 17}		c199		
4	x25PhysicalConnection-P	–		m		
5	cnmLoopbackTestTARRPackage	–		m		
c198: if G.32/3a then m else –.						
c199: if G.30/1b then – else m.						

Superseded by a more recent version

G.9.3 Attributes

Table G.33/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c200		–	
4	allomorphs	{dmi-att 50}		–		c201		–	
5	x25PhysicalConnectionId	{cnmAttribute 66}		–		m		–	

Table G.33/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
c200: if G.32/2a then m else –. c201: if G.32/3a then m else –.							

G.9.4 Actions

Table G.34/X.162 – Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
1	testRequestControlledAction	{part12Action 1}		m		
2	testSuspendResumeAction	{part12Action 2}		m		
3	testTerminateAction	{part12Action 3}		m		

Table G.34/X.162 – Action support (continued)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	1.1	TestRequestControlledInfo		m		
	1.1.1	controlledTestRequestType		m		
	1.1.2	testCategoryInformation		o		
	1.1.3	testSessionId		o		
	1.1.3.1	localId		c:m		

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Table G.34/X.162 – Action support (continued)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	1.1.3.2	globalRef		c:o.27		
	1.1.3.2.1	dnGlobRef		c:o.28		
	1.1.3.2.2	oidGlobRef		c:o.28		
	1.1.4	toBeTestedMORTs		o		
	1.1.4.1	normalForm		c:o.29		
	1.1.4.2	scopedSet		c:o.29		
	1.1.4.2.1	base		c:m		
	1.1.4.2.2	mORTsScope	Scope DEFAULT baseObject	c:m		
	1.1.4.2.3	mORTsFilter	CMISFilter DEFAULT "and : {}"	c:m		
	1.1.5	associatedObjects		o		
	1.1.5.1	associatedObject		c:m		
	1.1.5.2	associatedObjectInfo		c:m		
	1.1.5.2.1	associatedObjectInfoId		c:m		
	1.1.5.2.2	associatedObjectInform		c:o.30		
	1.1.6	timeoutPeriod		o		
	1.1.6.1	forever	NULL	c:o.31		
	1.1.6.2	hours		c:o.31		
	1.1.6.3	minutes		c:o.31		
	1.1.6.4	seconds		c:o.31		
	1.1.6.5	millesecs		c:o.31		
	1.1.6.6	microsecs		c:o.31		
	1.1.6.7	nanosecs		c:o.31		
	1.1.7	testObjecList		m		
	1.1.7.1	tOClass		c:m		
	1.1.7.2	tOInstance		c:o.32		
	1.1.7.3	referenceTOInstance		c:o.32		
	1.1.7.4	initialAttributeList		c:o.32		
	1.2	TestRequestControlledResponse	REPLY SYNTAX	m		
	1.2.1	independentTestResponseList		m		
	1.2.1.1	testInvocationId		c:m		
	1.2.1.1.1	tOName		c:o.33		
	1.2.1.1.2	invocationId		c:o.33		
	1.2.1.1.2.1	tARRName		c:m		
	1.2.1.1.2.2	testId		c:m		
	1.2.1.2	tOName		c:o.34		
	1.2.1.2.1	conductorProvidedName	NULL	c:o.35		
	1.2.1.2.2	performerProvidedName		c:o.35		
	1.2.1.3	tOAttributeList		c:o.34		
	1.2.2	relatedTestResponse		o		
	1.2.2.1	testInvocationId		c:m		
	1.2.2.1.1	tOName		c:o.36		
	1.2.2.1.2	invocationId		c:o.36		
	1.2.2.1.2.1	tARRName		c:m		
	1.2.2.1.2.2	testId		c:m		
	1.2.2.2	testObjectResponseList		c:m		
	1.2.2.2.1	tOName		c:m		
	1.2.2.2.1.1	conductorProvidedName	NULL	c:o.37		
	1.2.2.2.1.2	performerProvidedName		c:o.37		
	1.2.2.2.2	tOAttributeList		c:o.38		

Superseded by a more recent version

Table G.34/X.162 – Action support (concluded)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
2	2.1	TestSuspendResumeInfo	INFORMATION SYNTAX	m		
	2.1.1	indicatedTest		m		
	2.1.1.1	testSessionId		o		
	2.1.1.1.1	localId		c:m		
	2.1.1.1.2	globalRef		c:o.39		
	2.1.1.1.2.1	dnGlobRef		c:o.40		
	2.1.1.1.2.2	oidGlobRef		c:o.40		
	2.1.2	suspendResumeChoice	0 to 1	m		
	2.2	TestSuspendResumeResult	REPLY SYNTAX	m		
	2.2.1	testInvocationId		m		
	2.2.1.1.1	tOName		c:o.41		
	2.2.1.1.2	invocationId		c:o.41		
	2.2.1.1.2.1	tARRName		c:m		
	2.2.1.1.2.2	testId		c:m		
	2.2.2	tOsStates		m		
	2.2.2.1	tOInstance		o		
	2.2.2.2	testState		m		
	2.2.2.2.1	operationalState		m		
	2.2.2.2.2	proceduralStatus		m		
	2.2.2.2.3	controlStatus		c:o.42		
	2.2.2.2.4	availabilityStatus		c:o.42		
3	3.1	TestTerminateInfo	INFORMATION SYNTAX	m		
	3.1.1	testSessionId		o		
	3.1.1.1	localId		c:m		
	3.1.1.2	globalRef		c:o.43		
	3.1.1.2.1	dnGlobRef		c:o.44		
	3.1.1.2.2	oidGlobRef		c:o.44		
	3.1.2	testInvocationId		m		
	3.1.2.1	tOName		c:o.45		
	3.1.2.2	invocationId		c:o.45		
	3.1.2.2.1	tARRName		c:m		
	3.1.2.2.2	testId		c:m		
	3.2	TestTerminateResult	REPLY SYNTAX	m		
	3.2.1	tOName		c:o.46		
	3.2.2	invocationId		c:o.46		
	3.2.2.1	tARRName		c:m		
	3.2.2.2	testId		c:m		

G.9.5 Parameters

Table G.35/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	loopbackTestInfoParam	{part14Parameter ??}		m		
2	associatedObjectNoAvailable	{part12Parameter 1}		m		
3	independentTestInvocationError	{part12Parameter 2}		m		

Superseded by a more recent version

Table G.35/X.162 – Parameter support (concluded)

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
4	mistypeTestCategoryInformation	{part12Parameter 4}		m		
5	mORTNotAvailable	{part12Parameter 5}		m		
6	noSuchAssociatedObject	{part12Parameter 6}		m		
7	noSuchMORT	{part12Parameter 7}		m		
8	relatedTOError	{part12Parameter 10}		m		
9	noSuchTestInvocationId	{part12Parameter 8}		m		
10	noSuchTestSessionId	{part12Parameter 9}		m		
11	invalidTestOperation	{part12Parameter 3}		m		
12	testSuspendResumError	{part12Parameter 11}		m		
13	testTerminateError	{part12Parameter 12}		m		

G.10 cnmX25EntityTested

G.10.1 Statement of conformance to the managed object class

Table G.36/X.162 – Managed object support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	cnmX25EntityTested	{cnmObjectClass 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 table below.

Table G.37/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.10.2 Packages

Table G.38/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c202		
3	allomorphicPackage	{dmi-pkg 17}		c203		
4	cnmX25Entity-P	–		m		
5	cnmX25EntityTested-P	–		m		
c202: if G.38/3a then m else –. c203: if G.36/1b then – else m.						

Superseded by a more recent version

G.10.3 Attributes

Table G.39/X.162 – 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
1	objectClass	{ dmi-att 65 }		–		m		–	
2	nameBinding	{ dmi-att 63 }		–		m		–	
3	packages	{ dmi-att 66 }		–		c204		–	
4	allomorphs	{ dmi-att 50 }		–		c205		–	
5	cnmX25EntityId	{ cnmAttribute 25 }		–		m		–	
6	administrativeState	{ dmi-att 31 }		m		m		m	

Table G.39/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
c204: if G.38/2a then m else –. c205: if G.38/3a then m else –.							

G.10.4 Actions

Table G.40/X.162 – Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
1	testRequestControlledAction	{ part12Action 1 }		m		
2	testSuspendResumeAction	{ part12Action 2 }		m		
3	testTerminateAction	{ part12Action 3 }		m		

Table G.40/X.162 – Action support (continued)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	1.1	TestRequestControlledInfo		m		
	1.1.1	controlledTestRequestType		m		
	1.1.2	testCategoryInformation		o		
	1.1.3	testSessionId		o		
	1.1.3.1	localId		c:m		
	1.1.3.2	globalRef		c:o.47		

Superseded by a more recent version

Table G.40/X.162 – Action support (continued)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	1.1.3.2.1	dnGlobRef		c:o.48		
	1.1.3.2.2	oidGlobRef		c:o.48		
	1.1.4	toBeTestedMORTs		o		
	1.1.4.1	normalForm		c:o.49		
	1.1.4.2	scopedSet		c:o.49		
	1.1.4.2.1	base		c:m		
	1.1.4.2.2	mORTsScope	Scope DEFAULT baseObject	c:m		
	1.1.4.2.3	mORTsFilter	CMISFilter DEFAULT "and : { }"	c:m		
	1.1.5	associatedObjects		o		
	1.1.5.1	associatedObject		c:m		
	1.1.5.2	associatedObjectInfo		c:m		
	1.1.5.2.1	associatedObjectInfoId		c:m		
	1.1.5.2.2	associatedObjectInform		c:o.50		
	1.1.6	timeoutPeriod		o		
	1.1.6.1	forever	NULL	c:o.51		
	1.1.6.2	hours		c:o.51		
	1.1.6.3	minutes		c:o.51		
	1.1.6.4	seconds		c:o.51		
	1.1.6.5	millesecs		c:o.51		
	1.1.6.6	microsecs		c:o.51		
	1.1.6.7	nanosecs		c:o.51		
	1.1.7	testObjecList		m		
	1.1.7.1	tOClass		c:m		
	1.1.7.2	tOInstance		c:o.52		
	1.1.7.3	referenceTOInstance		c:o.52		
	1.1.7.4	initialAttributeList		c:o.52		
	1.2	TestRequestControlledResponse	REPLY SYNTAX	m		
	1.2.1	independentTestResponseList		m		
	1.2.1.1	testInvocationId		c:m		
	1.2.1.1.1	tOName		c:o.53		
	1.2.1.1.2	invocationId		c:o.53		
	1.2.1.1.2.1	tARRName		c:m		
	1.2.1.1.2.2	testId		c:m		
	1.2.1.2	tOName		c:o.54		
	1.2.1.2.1	conductorProvidedName	NULL	c:o.55		
	1.2.1.2.2	performerProvidedName		c:o.55		
	1.2.1.3	tOAttributeList		c:o.54		
	1.2.2	relatedTestResponse		o		
	1.2.2.1	testInvocationId		c:m		
	1.2.2.1.1	tOName		c:o.56		
	1.2.2.1.2	invocationId		c:o.56		
	1.2.2.1.2.1	tARRName		c:m		
	1.2.2.1.2.2	testId		c:m		
	1.2.2.2	testObjectResponseList		c:m		
	1.2.2.2.1	tOName		c:m		
	1.2.2.2.1.1	conductorProvidedName	NULL	c:o.57		
	1.2.2.2.1.2	performerProvidedName		c:o.57		
	1.2.2.2.2	tOAttributeList		c:o.58		

Superseded by a more recent version

Table G.40/X.162 – Action support (concluded)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
2	2.1	TestSuspendResumeInfo	INFORMATION SYNTAX	m		
	2.1.1	indicatedTest		m		
	2.1.1.1	testSessionId		o		
	2.1.1.1.1	localId		c:m		
	2.1.1.1.2	globalRef		c:o.59		
	2.1.1.1.2.1	dnGlobRef		c:o.60		
	2.1.1.1.2.2	oidGlobRef		c:o.60		
	2.1.2	suspendResumeChoice	0 to 1	m		
	2.2	TestSuspendResumeResult	REPLY SYNTAX	m		
	2.2.1	testInvocationId		m		
	2.2.1.1.1	tOName		c:o.61		
	2.2.1.1.2	invocationId		c:o.61		
	2.2.1.1.2.1	tARRName		c:m		
	2.2.1.1.2.2	testId		c:m		
	2.2.2	tOsStates		m		
	2.2.2.1	tOInstance		o		
	2.2.2.2	testState		m		
	2.2.2.2.1	operationalState		m		
	2.2.2.2.2	proceduralStatus		m		
	2.2.2.2.3	controlStatus		c:o.62		
	2.2.2.2.4	availabilityStatus		c:o.62		
3	3.1	TestTerminateInfo	INFORMATION SYNTAX	m		
	3.1.1	testSessionId		o		
	3.1.1.1	localId		c:m		
	3.1.1.2	globalRef		c:o.63		
	3.1.1.2.1	dnGlobRef		c:o.64		
	3.1.1.2.2	oidGlobRef		c:o.64		
	3.1.2	testInvocationId		m		
	3.1.2.1	tOName		c:o.65		
	3.1.2.2	invocationId		c:o.65		
	3.1.2.2.1	tARRName		c:m		
	3.1.2.2.2	testId		c:m		
	3.2	TestTerminateResult	REPLY SYNTAX	m		
	3.2.1	tOName		c:o.66		
	3.2.2	invocationId		c:o.66		
	3.2.2.1	tARRName		c:m		
	3.2.2.2	testId		c:m		

G.10.5 Parameters

Table G.41/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	protocolIntegrityTestInfoParam	{part14Parameter ??}		m		
2	associatedObjectNoAvailable	{part12Parameter 1}		m		
3	independentTestInvocationError	{part12Parameter 2}		m		

Superseded by a more recent version

Table G.41/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
4	mistypeTestCategoryInformation	{part12Parameter 4}		m		
5	mORTNotAvailable	{part12Parameter 5}		m		
6	noSuchAssociatedObject	{part12Parameter 6}		m		
7	noSuchMORT	{part12Parameter 7}		m		
8	relatedTOError	{part12Parameter 10}		m		
9	noSuchTestInvocationId	{part12Parameter 8}		m		
10	noSuchTestSessionId	{part12Parameter 9}		m		
11	invalidTestOperation	{part12Parameter 3}		m		
12	testSuspendResumError	{part12Parameter 11}		m		
13	testTerminateError	{part12Parameter 12}		m		

G.11 x25ServiceProfile

G.11.1 Statement of conformance to the managed object class

Table G.42/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	x25ServiceProfile	{cnmObjectClass 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 table below.

Table G.43/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.11.2 Packages

Table G.44/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c206		
3	allomorphicPackage	{dmi-pkg 17}		c207		
4	x25ServiceProfile-P	{cnmPackage 1}		m		
5	pleProfile-P	{cnmPackage 2}		m		
6	slpTimersProfile-P	{cnmPackage 4}		o		
c206: if any of (G.44/3a through G.44/6a) then m else –. c207: if G.42/1b then – else m.						

Superseded by a more recent version

G.11.3 Attributes

Table G.45/X.162 – 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
1	objectClass	{ dmi-att 65 }		–		m		–	
2	nameBinding	{ dmi-att 63 }		–		m		–	
3	packages	{ dmi-att 66 }		–		c208		–	
4	allomorphs	{ dmi-att 50 }		–		c209		–	
5	x25ServiceProfileId	{ cnmAttribute 35 }		–		m		–	
6	localDTEAddress	{ NLM.aoi 39 }		–		m		–	
7	protocolVersionSupported	{ NLM.aoi 38 }		–		m		–	
8	mlpSubscription	{ cnmAttribute 51 }		–		m		–	
9	cUG	{ NLM.aoi 136 }		–		m		–	
10	incomingCallBarredWithinCUG	{ NLM.aoi 149 }		–		m		–	
11	outgoingCallBarredWithinCUG	{ NLM.aoi 160 }		–		m		–	
12	bilateralCUG	{ NLM.aoi 125 }		–		m		–	
13	bilateralCUGwithOutgoingAccess	{ NLM.aoi 127 }		–		m		–	
14	fastSelectAcceptance	{ NLM.aoi 145 }		–		m		–	
15	flowControlParameterNegotiation	{ NLM.aoi 119 }		–		m		–	
16	incomingCallsBarred	{ NLM.aoi 148 }		–		m		–	
17	interfaceType	{ DLM.aoi 18 }		–		m		–	
18	logicalChannelAssignments	{ NLM.aoi 48 }		–		m		–	
19	outgoingCallsBarred	{ NLM.aoi 159 }		–		m		–	
20	oneWayLogicalChannelIncoming	{ NLM.aoi 156 }		–		m		–	
21	oneWayLogicalChannelOutgoing	{ NLM.aoi 157 }		–		m		–	
22	throughputClassNegotiation	{ NLM.aoi 168 }		–		m		–	
23	callDeflectionSubscription	{ NLM.aoi 114 }		–		m		–	
24	chargingInformation	{ NLM.aoi 132 }		–		m		–	
25	nonStandardDefaultPacketSizes	{ NLM.aoi 151 }		–		m		–	
26	defaultThroughputClassesAssignment	{ NLM.aoi 144 }		–		m		–	
27	defaultThroughputClasses	{ NLM.aoi 112 }		–		m		–	
28	defaultWindowSizes	{ NLM.aoi 104 }		–		m		–	
29	defaultPacketSizes	{ NLM.aoi 103 }		–		m		–	
30	nonStandardDefaultWindowSizes	{ NLM.aoi 152 }		–		m		–	
31	nUISubscription	{ NLM.aoi 153 }		–		m		–	

Superseded by a more recent version

Table G.45/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
32	onlineFacilityRegistration	{NLM.aoi 158}		–		m		–	
33	packetRetransmission	{NLM.aoi 161}		–		m		–	
34	extendedPacketSequenceNumbering	{NLM.aoi 49}		–		m		–	
35	rPOASubscription	{NLM.aoi 167}		–		m		–	
36	callRedirection	{NLM.aoi 129}		–		m		–	
37	dBitModification	{NLM.aoi 139}		–		m		–	
38	huntGroup	{NLM.aoi 146}		–		m		–	
39	localChargingPrevention	{NLM.aoi 150}		–		m		–	
40	nUIOverrid	{NLM.aoi 154}		–		m		–	
41	reverseChargingAcceptance	{NLM.aoi 165}		–		m		–	
42	k	{DLM.aoi 19}		–		c210		–	
43	n1	{DLM.aoi 20}		–		c210		–	
44	n2	{DLM.aoi 21}		–		c210		–	
45	t1Timer	{DLM.aoi 25}		–		c210		–	
46	t2Timer	{DLM.aoi 26}		–		c210		–	
47	t4Timer	{DLM.aoi 28}		–		c210		–	

Table G.45/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
18	–		–		–		

Superseded by a more recent version

Table G.45/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	–		–		–		
26	–		–		–		
27	–		–		–		
28	–		–		–		
29	–		–		–		
30	–		–		–		
31	–		–		–		
32	–		–		–		
33	–		–		–		
34	–		–		–		
35	–		–		–		
36	–		–		–		
37	–		–		–		
38	–		–		–		
39	–		–		–		
40	–		–		–		
41	–		–		–		
42	–		–		–		
43	–		–		–		
44	–		–		–		
45	–		–		–		
46	–		–		–		
47	–		–		–		
c208: if G.44/2a then m else –. c209: if G.44/3a then m else –. c210: if G.44/6a then m else –.							

G.11.4 Notifications

Table G.46/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{ dmi-not 6 }		m			
2	objectDeletion	{ dmi-not 7 }		m			
3	attributeValueChange	{ dmi-not 1 }		m			

Superseded by a more recent version

Table G.46/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c211		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.67		
	1.4.2.2	nonSpecificForm	–		c:o.67		
	1.4.2.3	localDistinguishedName	–		c:o.67		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c212		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.68		
	2.4.2.2	nonSpecificForm	–		c:o.68		
	2.4.2.3	localDistinguishedName	–		c:o.68		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c213		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.69		
	3.5.2.2	nonSpecificForm	–		c:o.69		
	3.5.2.3	localDistinguishedName	–		c:o.69		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
c211: if G.46/1.4a then m else o. c212: if G.46/2.4a then m else o. c213: if G.46/3.5a then m else o.							

Superseded by a more recent version

G.12 mlpProfile

G.12.1 Statement of conformance to the managed object class

Table G.47/X.162 – Managed object class support

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

Table G.48/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.12.2 Packages

Table G.49/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c214		
3	allomorphicPackage	{dmi-pkg 17}		c215		
4	mlpProfile-P	–		m		
5	mlpTimer-P	{cnmPackage 25}		o		
c214: if G.494/3a or G.49/5a then m else –. c215: if G.47/1b then – else m.						

G.12.3 Attributes

Table G.50/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c216		–	
4	allomorphs	{dmi-att 50}		–		c217		–	
5	mlpProfileId	{cnmAttribute 31}		–		m		–	
6	mW	{DLM.aoi 47}		–		m		–	
7	mX	{DLM.aoi 48}		–		m		–	

Superseded by a more recent version

Table G.50/X.162 – 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
8	localDTEAddress	{NLM.aoi 39}		–		c218		–	
9	mT1Timer	{DLM.aoi 12}		–		c218		–	
10	mT3Timer	{DLM.aoi 14}		–		c218		–	
11	mT2	{DLM.aoi 13}		–		c218		–	

Table G.50/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
c216: if G.49/2a then m else –. c217: if G.49/3a then m else –. c218: if G.49/5a then m else –.							

G.13 slpProfile

G.13.1 Statement of conformance to the managed object class

Table G.51/X.162 – Managed object class support

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

Table G.52/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

Superseded by a more recent version

G.13.2 Packages

Table G.53/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c219		
3	allomorphicPackage	{dmi-pkg 17}		c220		
4	slpProfile-P	{cnmPackage 3}		m		
5	slpTimersProfile-P	{cnmPackage 4}		o		
c219: if any of (G.53/3a through G.53/5a) then m else –.						
c220: if G.51/1b then – else m.						

G.13.3 Attributes

Table G.54/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c221		–	
4	allomorphs	{dmi-att 50}		–		c222		–	
5	slpProfileId	{cnmAttribute 32}		–		m		–	
6	localDTEAddress	{NLM.aoi 39}		–		m		–	
7	transmissionRate	{PHLM.aoi 10}		–		m		–	
8	sequenceModulus	{DLM.aoi 24}		–		m		–	
9	k	{DLM.aoi 19}		–		c223		–	
10	n1	{DLM.aoi 20}		–		c223		–	
11	n2	{DLM.aoi 21}		–		c223		–	
12	t1Timer	{DLM.aoi 25}		–		c223		–	
13	t2Timer	{DLM.aoi 26}		–		c223		–	
14	t4Timer	{DLM.aoi 28}		–		c223		–	

Table G.54/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		

Superseded by a more recent version

Table G.54/X.162 – Attribute support (concluded)

	Add		Remove		Set To Default		
Index	Status	Support	Status	Support	Status	Support	Additional information
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
c221: if G.53/2a then m else –. c222: if G.53/3a then m else –. c223: if G.53/5a then m else –.							

G.14 x25PvcProfile

G.14.1 Statement of conformance to the managed object class

Table G.55/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	x25PvcProfile	{cnmObjectClass 8}		

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 table below.

Table G.56/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.14.2 Packages

Table G.57/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c224		
3	allomorphicPackage	{dmi-pkg 17}		c225		
4	x25PvcProfile-P	–		m		
c224: if G.57/3a then m else –. c225: if G.55/1b then – else.						

Superseded by a more recent version

G.14.3 Attributes

Table G.58/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c226		–	
4	allomorphs	{dmi-att 50}		–		c227		–	
5	x25ServiceProfileId	{cnmAttribute 33}		–		m		–	
6	chargingDirection	{NLM.aoi 131}		–		m		–	
7	localDTEAddress	{NLM.aoi 39}		–		m		–	
8	logicalChannel	{NLM.aoi 89}		–		m		–	
9	operationalState	{dmi-att 35}		–		m		–	
10	packetSize	{NLM.aoi 121}		–		m		–	
11	remoteDTEAddress	{NLM.aoi 93}		–		m		–	
12	remoteLogicalChannel	{NLM.aoi 162}		–		m		–	
13	throughputClasses	{NLM.aoi 96}		–		m		–	
14	virtualCircuitId	{NLM.aoi 116}		–		m		–	
15	windowSizes	{NLM.aoi 124}		–		m		–	

Table G.58/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
c226: if G.57/2a then m else –.							
c227: if G.57/3a then m else –.							

Superseded by a more recent version

G.14.4 Notifications

Table G.59/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{ dmi-not 6 }		m			
2	objectDeletion	{ dmi-not 7 }		m			

Table G.59/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c228		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.70		
	1.4.2.2	nonSpecificForm	–		c:o.70		
	1.4.2.3	localDistinguishedName	–		c:o.70		
	1.5	additionalText	{ dmi-att 7 }		o		
	1.6	additionalInformation	{ dmi-att 6 }		o		
2	2.1	sourceIndicator	{ dmi-att 26 }		o		
	2.2	attributeList	{ dmi-att 9 }		o		
	2.3	notificationIdentifier	{ dmi-att 16 }		c229		
	2.4	correlatedNotifications	{ dmi-att 12 }		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.71		
	2.4.2.2	nonSpecificForm	–		c:o.71		
	2.4.2.3	localDistinguishedName	–		c:o.71		
	2.5	additionalText	{ dmi-att 7 }		o		
	2.6	additionalInformation	{ dmi-att 6 }		o		
c228: if G.59/1.4a then m else o.							
c229: if G.59/2.4a then m else o.							

G.15 cugProfile

G.15.1 Statement of conformance to the managed object class

Table G.60/X.162 – Managed object class support

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

Superseded by a more recent version

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 table below.

Table G.61/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.15.2 Packages

Table G.62/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c230		
3	allomorphicPackage	{dmi-pkg 17}		c231		
4	cugProfile-P	–		m		
5	interlockCodePkg	{cnmPackage 26}		o		
6	cugIndexPkg	{cnmPackage 27}		o		
c230: if G.62/3a or G.62/5a or G.62/6a then m else –.						
c231: if G.60/1b then – else m.						

G.15.3 Attributes

Table G.63/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c232		–	
4	allomorphs	{dmi-att 50}		–		c233		–	
5	cugProfileId	{cnmAttribute 26}		–		m		–	
6	cUGWithIncomingAccess	{NLM.aoi 136}		–		m		–	
7	cUGWithOutgoingAccess	{NLM.aoi 137}		–		m		–	
8	bilateralCUG	{NLM.aoi 125}		–		m		–	
9	bilateralCUGWithOutgoingAccess	{NLM.aoi 127}		–		m		–	
10	dTEAddressList	{cnmAttribute 40}		–		m		–	
11	interlockCode	{cnmAttribute 65}		–		c234		–	
12	cugIndex	{cnmAttribute 66}		–		c235		–	

Superseded by a more recent version

Table G.63/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
c232: if G.62/2a then m else –. c233: if G.62/3a then m else –. c234: if G.62/5a then m else –. c235: if G.62/6a then m else –.							

G.15.4 Notifications

Table G.64/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		m			
2	objectDeletion	{dmi-not 7}		m			

Table G.64/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c236		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.72		
	1.4.2.2	nonSpecificForm	–		c:o.72		
	1.4.2.3	localDistinguishedName	–		c:o.72		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c237		

Superseded by a more recent version

Table G.64/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
2	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.73		
	2.4.2.2	nonSpecificForm	–		c:o.73		
	2.4.2.3	localDistinguishedName	–		c:o.73		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
c236: if G.64/1.4a then m else o. c237: if G.64/2.4a then m else o.							

G.16 hgProfile

G.16.1 Statement of conformance to the managed object class

Table G.65/X.162 – Managed object class support

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

Table G.66/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.16.2 Packages

Table G.67/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c238		
3	allomorphicPackage	{dmi-pkg 17}		c239		
4	hgProfile-P	–		m		
c238: if G.67/3a then m else –. c239: if G.65/1b then – else m.						

Superseded by a more recent version

G.16.3 Attributes

Table G.68/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c240		–	
4	allomorphs	{dmi-att 50}		–		c241		–	
5	hgProfileId	{cnmAttribute 28}		–		m		–	
6	hgAddress	{cnmAttribute 42}		–		m		–	
7	dTEAddressList	{cnmAttribute 40}		–		m		–	

Table G.68/X.162 – Attribute support (*concluded*)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		

c240: if G.67/2a then m else –.
c241: if G.67/3a then m else –.

G.16.4 Notifications

Table G.69/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		m			
2	objectDeletion	{dmi-not 7}		m			

Table G.69/X.162 – Notification support (*continued*)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		

Superseded by a more recent version

Table G.69/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.3	notificationIdentifier	{dmi-att 16}		c242		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.74		
	1.4.2.2	nonSpecificForm	–		c:o.74		
	1.4.2.3	localDistinguishedName	–		c:o.74		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c243		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.75		
	2.4.2.2	nonSpecificForm	–		c:o.75		
	2.4.2.3	localDistinguishedName	–		c:o.75		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
c242: if G.69/1.4a then m else o. c246: if G.69/2.4a then m else o.							

G.17 cnmUser

G.17.1 Statement of conformance to the managed object class

Table G.70/X.162 – Managed object class support

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

Table G.71/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

Superseded by a more recent version

G.17.2 Packages

Table G.72/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c244		
3	allomorphicPackage	{dmi-pkg 17}		c245		
4	customerPkg	{cnmPackage 5}		m		
5	attributeValueChangeNotificationPackage	{m3100Package 4}		m		
6	contactListPkg	{cnmPackage 6}		m		
7	createDeleteNotificationPackage	{m3100Package 10}		m		
8	customerTypesPkg	{cnmPackage 9}		o		
9	opNetworkListPkg	{cnmPackage 10}		o		
10	serviceListPkg	{cnmPackage 11}		o		
11	typeTextPkg	{cnmPackage 8}		o		
12	userLabelPackage	{m3100Package 33}		o		
13	cnmUser-P	–		m		
c244: if any of (G.72/3a through G.72/12a) then m else –. c245: if G.70/1b then – else m.						

G.17.3 Attributes

Table G.73/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c246		–	
4	allomorphs	{dmi-att 50}		–		c247		–	
5	customerID	{cnmAttribute 27}	PERMITTED VALUES	m		m		–	
6	customerTitle	{cnmAttribute 37}		m		m		–	
7	contactList	{cnmAttribute 36}	PERMITTED VALUES	m		m		m	
8	customerTypes	{cnmAttribute 38}		c248		c248		c248	
9	opNetworkList	{cnmAttribute 57}	PERMITTED VALUES	c249		c249		c249	
10	serviceList	{cnmAttribute 60}	PERMITTED VALUES	c250		c250		c250	
11	typeText	{cnmAttribute 64}	PERMITTED VALUES	c251		c251		c251	
12	userLabel	{m3100Attribute 50}		c252		c252		c252	
13	cnmUserId	{cnmAttribute 24}		–		m		–	
14	suborganizationObjectList	{cnmAttribute 61}		m		m		m	

Superseded by a more recent version

Table G.73/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	m		m		–		
8	c248		c248		–		
9	c249		c249		–		
10	c250		c250		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14							
c246: if G.72/2a then m else –. c247: if G.72/3a then m else –. c248: if G.72/8a then m else –. c249: if G.72/9a then m else –. c250: if G.72/10a then m else –. c251: if G.72/11a then m else –. c252: if G.72/12a then m else –.							

G.17.4 Notifications

Table G.74/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{ dmi-not 6 }		m			
2	objectDeletion	{ dmi-not 7 }		m			
3	attributeValueChange	{ dmi-not 1 }		m			

Table G.74/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c253		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		

Superseded by a more recent version

Table G.74/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.76		
	1.4.2.2	nonSpecificForm	–		c:o.76		
	1.4.2.3	localDistinguishedName	–		c:o.76		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c254		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.77		
	2.4.2.2	nonSpecificForm	–		c:o.77		
	2.4.2.3	localDistinguishedName	–		c:o.77		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c255		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName			c:o.78		
	3.5.2.2	nonSpecificForm	–		c:o.78		
	3.5.2.3	localDistinguishedName	–		c:o.78		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
c253: if G.74/1.4a then m else o. c254: if G.74/2.4a then m else o. c255: if G.74/3.5a then m else o.							

G.18 customer

G.18.1 Statement of conformance to the managed object class

Table G.75/X.162 – Managed object class support

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

Superseded by a more recent version

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 table below.

Table G.76/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.18.2 Packages

Table G.77/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c256		
3	allomorphicPackage	{dmi-pkg 17}		c257		
4	customerPkg	{cnmPackage 5}		m		
5	attributeValueChangeNotificationPackage	{m3100Package 4}		m		
6	createDeleteNotificationPackage	{m3100Package 10}		m		
7	contactListPkg	{cnmPackage 6}		m		
8	customerTypesPkg	{cnmPackage 9}		o		
9	opNetworkListPkg	{cnmPackage 10}		o		
10	serviceListPkg	{cnmPackage 11}		o		
11	typeTextPkg	{cnmPackage 8}		o		
12	userLabelPackage	{m3100Package 33}		o		
c256: if any of (G.77/3a through G.77/12a) then m else –.						
c257: if G.75/1b then – else m.						

G.18.3 Attributes

Table G.78/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c258		–	
4	allomorphs	{dmi-att 50}		–		c259		–	
5	customerID	{cnmAttribute 27}		–		m		–	
6	customerTitle	{cnmAttribute 37}		–		m		–	
7	contactList	{cnmAttribute 36}	PERMITTED VALUES	m		m		m	
8	customerTypes	{cnmAttribute 38}		c260		c260		c260	
9	opNetworkList	{cnmAttribute 57}	PERMITTED VALUES	c261		c261		c261	

Superseded by a more recent version

Table G.78/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
10	serviceList	{cnmAttribute 60}	PERMITTED VALUES	c262		c262		c262	
11	typeText	{cnmAttribute 64}	PERMITTED VALUES	c263		c263		c263	
12	userLabel	{m3100Attribute 50}		c264		c264		c264	

Table G.78/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	m		m		–		
8	c260		c260		–		
9	c261		c261		–		
10	c262		c262		–		
11	–		–		–		
12	–		–		–		
c258: if G.77/2a then m else –. c259: if G.77/3a then m else –. c260: if G.77/8a then m else –. c261: if G.77/9a then m else –. c262: if G.77/10a then m else –. c263: if G.77/11a then m else –. c264: if G.77/12a then m else –.							

G.18.4 Notifications

Table G.79/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		m			
2	objectDeletion	{dmi-not 7}		m			
3	attributeValueChange	{dmi-not 1}		m			

Superseded by a more recent version

Table G.79/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c265		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.79		
	1.4.2.2	nonSpecificForm	–		c:o.79		
	1.4.2.3	localDistinguishedName	–		c:o.79		
	1.5	additionalText	{ dmi-att 7 }		o		
	1.6	additionalInformation	{ dmi-att 6 }		o		
2	2.1	sourceIndicator	{ dmi-att 26 }		o		
	2.2	attributeList	{ dmi-att 9 }		o		
	2.3	notificationIdentifier	{ dmi-att 16 }		c266		
	2.4	correlatedNotifications	{ dmi-att 12 }		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.80		
	2.4.2.2	nonSpecificForm	–		c:o.80		
	2.4.2.3	localDistinguishedName	–		c:o.80		
	2.5	additionalText	{ dmi-att 7 }		o		
	2.6	additionalInformation	{ dmi-att 6 }		o		
3	3.1	sourceIndicator	{ dmi-att 26 }		o		
	3.2	attributeIdentifierList	{ dmi-att 8 }		o		
	3.3	attributeValueChangeDefinition	{ dmi-att 10 }		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{ dmi-att 16 }		c267		
	3.5	correlatedNotifications	{ dmi-att 12 }		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.81		
	3.5.2.2	nonSpecificForm	–		c:o.81		
	3.5.2.3	localDistinguishedName	–		c:o.81		
	3.6	additionalText	{ dmi-att 7 }		o		
	3.7	additionalInformation	{ dmi-att 6 }		o		
c265: if G.79/1.4a then m else o. c266: if G.79/2.4a then m else o. c267: if G.79/3.5a then m else o.							

G.19 location

G.19.1 Statement of conformance to the managed object class

Table G.80/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	Is the actual class the same as the managed object class to which conformance is claimed?(Y/N)
1	location	{ cnmObjectClass 13 }		

Superseded by a more recent version

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 table below.

Table G.81/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.19.2 Packages

Table G.82/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c268		
3	allomorphicPackage	{dmi-pkg 17}		c269		
4	locationPkg	{cnmPackage 7}		m		
5	attributeValueChangeNotificationPackage	{m3100Package 4}		m		
6	createDeleteNotificationPackage	{m3100Package 10}		m		
7	contactListPkg	{cnmPackage 6}		o		
8	typeTextPkg	{cnmPackage 8}		o		
9	userLabelPackage	{m3100Package 32}		o		
c268: if any of (G.82/3a through G.82/9a) then m else –.						
c269: if G.80/1b then – else m.						

G.19.3 Attributes

Table G.83/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c270		–	
4	allomorphs	{dmi-att 50}		–		c271		–	
5	locationId	{cnmAttribute 45}	PERMITTED VALUES	–		m		–	
6	geographicCoordinates	{cnmAttribute 41}	PERMITTED VALUES	m		m		m	

Superseded by a more recent version

Table G.83/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
7	locationDetails	{cnmAttribute 44}	PERMITTED VALUES	m		m		m	
8	locationTitle	{cnmAttribute 46}		–		m		–	
9	locationType	{cnmAttribute 47}		m		m		m	
10	postalAddress	{cnmAttribute 56}	PERMITTED VALUES	m		m		m	
11	contactList	{cnmAttribute 36}	PERMITTED VALUES	c272		c272		c272	
12	typeText	{cnmAttribute 64}	PERMITTED VALUES	c273		c273		c273	
13	userLabel	{m3100Attribute 50}		c274		c274		c274	

Table G.83/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	c272		c272		–		
12	–		–		–		
13	–		–		–		
c270: if G.82/2a then m else –. c271: if G.82/3a then m else –. c272: if G.82/7a then m else –. c273: if G.82/8a then m else –. c274: if G.82/9a then m else –.							

G.19.4 Notifications

Table G.84/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		m			
2	objectDeletion	{dmi-not 7}		m			
3	attributeValueChange	{dmi-not 1}		m			

Superseded by a more recent version

Table G.84/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c275		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.82		
	1.4.2.2	nonSpecificForm	–		c:o.82		
	1.4.2.3	localDistinguishedName	–		c:o.82		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c276		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.83		
	2.4.2.2	nonSpecificForm	–		c:o.83		
	2.4.2.3	localDistinguishedName	–		c:o.83		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c277		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName			c:o.84		
	3.5.2.2	nonSpecificForm	–		c:o.84		
	3.5.2.3	localDistinguishedName	–		c:o.84		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
c275: if G.84/1.4a then m else o. c276: if G.84/2.4a then m else o. c277: if G.84/3.5a then m else o.							

Superseded by a more recent version

G.20 redirectionList

G.20.1 Statement of conformance to the managed object class

Table G.85/X.162 – Managed object class support

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

Table G.86/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.20.2 Packages

Table G.87/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c278		
3	allomorphicPackage	{dmi-pkg 17}		c279		
4	redirectionListPackage	–		m		
c278: if G.87/3a then m else –. c279: if G.85/b then – else m.						

G.20.3 Attributes

Table G.88/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c280		–	
4	allomorphs	{dmi-att 50}		–		c281		–	
5	redirectionListId	{cnmAttribute 65}		–		m		–	
6	localDTEAddress	{NLM.aoi 39}		m		m		m	
7	availabilityState	{dmi-att 33}		m		m		m	
8	callRedirectionList	{cnmAttribute 67}		m		m		m	

Superseded by a more recent version

Table G.88/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
c280: if G.87/2a then m else –. c281: if G.87/3a then m else –.							

G.21 cnmBillingController

G.21.1 Statement of conformance to the managed object class

Table G.89/X.162 – Managed object class support

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

Table G.90/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.21.2 Packages

Table G.91/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c282		
3	allomorphicPackage	{dmi-pkg 17}		c283		
4	cnmBillingController-P	–		m		
c282: if G.91/3a then m else –. c283: if G.89/1b then – else m.						

Superseded by a more recent version

G.21.3 Attributes

Table G.92/X.162 – 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
1	objectClass	{ dmi-att 65 }		–		m		–	
2	nameBinding	{ dmi-att 63 }		–		m		–	
3	packages	{ dmi-att 66 }		–		c284		–	
4	allomorphs	{ dmi-att 50 }		–		c285		–	
5	controlObjectId	{ umf-att 5 }		–		m		–	
6	administrativeState	{ dmi-att 31 }		m		m		m	

Table G.92/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
c284: if G.91/2a then m else –. c285: if G.91/3a then m else –.							

G.21.4 Notifications

Table G.93/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	invoiceReport	{ cnmNotification 1 }		m			

Table G.93/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	invoiceInfo	–		m		
	1.1.1	serviceProviderName	–		m		
	1.1.2	invoiceData	–		m		

Superseded by a more recent version

G.22 currentPacketTrafficData

G.22.1 Statement of conformance to the managed object class

Table G.94/X.162 – Managed object class support

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

Table G.95/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.22.2 Packages

Table G.96/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c286		
3	allomorphicPackage	{dmi-pkg 17}		c287		
4	scannerPackage	–		m		
5	availabilityStatusPackage	{dmi-pkg 22}		c288		
6	duration	{dmi-pkg 26}		o		
7	dailyScheduling	{dmi-pkg 25}		o		
8	weeklyScheduling	{dmi-pkg 29}		o		
9	externalScheduler	{dmi-pkg 27}		o		
10	periodSynchronizationPackage	{moa-pkg 10}		o		
11	createDeleteNotificationsPackage	{m3100Package 10}		o		
12	attributeValueChangeNotificationPackage	{m3100Package 4}		o		
13	stateChangeNotificationPackage	{m3100Package 28}		o		
14	currentDataPkg	–		m		
15	filterSuppressionPkg	{summ-pkg 2}		o		
16	historyRetentionPkg	{summ-pkg 6}		o		
17	maxSuppressedIntervalsPkg	{summ-pkg 7}		o		
18	measurementListPkg	{summ-pkg 8}		o		
19	numSuppressedIntervalsPkg	{summ-pkg 9}		o		
20	observedManagedObjectPkg	{summ-pkg 11}		o		
21	scheduledPMReportPkg	{summ-pkg 12}		o		
22	thresholdPkg	{summ-pkg 13}		o		

Superseded by a more recent version

Table G.96/X.162 – Package support (concluded)

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
23	zeroSuppressionPkg	{summ-pkg 15}		o		
24	currentPacketTrafficData-P	–		m		
c286: if G.96/3a or any of (G.96/5a through G.96/13a) or any of (G.96/15a through G.96/23a) then m else –. c287: if G.94/1b then – else m. c288: if G.96/7a or G.96/8a or G.96/9a then m else –.						

G.22.3 Attributes

Table G.97/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c289		–	
4	allomorphs	{dmi-att 50}		–		c290		–	
5	scannerId	{moa-att 25}		–		m		–	
6	administrativeState	{dmi-att 31}		m		m		m	
7	granularityPeriod	{moa-att 23}		m		m		m	
8	operationalState	{dmi-att 35}		–		m		–	
9	availabilityStatus	{dmi-att 33}	REQUIRED VALUES	–		c291		–	
10	startTime	{dmi-att 68}		c292		c292		c292	
11	stopTime	{dmi-att 69}	DEFAULT VALUE	c292		c292		c292	
12	intervalsOfDay	{dmi-att 57}	DEFAULT VALUE	c293		c293		c293	
13	weekmask	{dmi-att 71}	DEFAULT VALUE	c294		c294		c294	
14	schedulerName	{dmi-att 67}		–		c295		–	
15	periodSynchronizationTime	{moa-att 24}		c296		c296		c296	
16	suspectIntervalFlag	{summ-att 14}	DEFAULT VALUE	–		m		–	
17	elapsedTime	{summ-att 2}		–		m		–	
18	discriminatorConstruct	{dmi-att 56}	DEFAULT VALUE	c297		c297		c297	
19	historyRetention	{summ-att 5}		c298		c298		c298	
20	maxSuppressedIntervals	{summ-att 6}		c299		c299		c299	
21	measurementList	{summ-att 7}		c300		c300		c300	
22	numSuppressedIntervals	{summ-att 9}		–		c301		–	
23	observedObjectClass	{summ-att 10}		–		c302		–	
24	observedObjectInstance	{moa-att 16}		–		c302		–	
25	scanAttributeIdList	{summ-att 21}		c303		c303		c303	
26	numericAttributeIdArray	{summ-att 10}		c303		c303		c303	
27	onceReportAttributeIdList	{summ-att 16}		c303		c303		c303	
28	reportAllAttributes	{summ-att 11}	DEFAULT VALUE	c304		c304		c304	

Superseded by a more recent version

Table G.97/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
29	suppressAdditionalThresholds	{summ-att 13}	DEFAULT VALUE	c304		c304		c304	
30	thresholdDataInstance	{summ-att 16}		c304		c304		c304	
31	callAttempts	{NLM.aoi 52}		–		m		–	
32	callsConnected	{NLM.aoi 53}		–		m		–	
33	callTimeouts	{NLM.aoi 55}		–		m		–	
34	clearTimeouts	{NLM.aoi 56}		–		m		–	
35	dataPacketsReceived	{NLM.aoi 51}		–		m		–	
36	dataPacketsSent	{NLM.aoi 50}		–		m		–	
37	octetsReceivedCounter	{dmi-att 78}		–		m		–	
38	octetsSentCounter	{dmi-att 80}		–		m		–	
39	protocolErrorsAccusedOf	{NLM.aoi 64}		–		m		–	
40	protocolErrorsDetectedLocally	{NLM.aoi 63}		–		m		–	
41	providerInitiatedDisconnects	{NLM.aoi 54}		–		m		–	
42	providerInitiatedResets	{NLM.aoi 59}		–		m		–	
43	resetTimeouts	{NLM.aoi 60}		–		m		–	
44	remotelyInitiatedResets	{NLM.aoi 57}		–		m		–	
45	remotelyInitiatedRestarts	{NLM.aoi 61}		–		m		–	
46	segmentsReceived	{NLM.aoi 6}		–		m		–	
47	segmentsSent	{NLM.aoi 118}		–		m		–	

Table G.97/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		c292		
12	c293		c293		c293		
13	c294		c294		c294		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		

Superseded by a more recent version

Table G.97/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
18	–		–		c297		
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	c303		c303		–		
26	–		–		–		
27	c303		c303		–		
28	–		–		c305		
29	–		–		c305		
30	c305		c305		–		
31	–		–		–		
32	–		–		–		
33	–		–		–		
34	–		–		–		
35	–		–		–		
36	–		–		–		
37	–		–		–		
38	–		–		–		
39	–		–		–		
40	–		–		–		
41	–		–		–		
42	–		–		–		
43	–		–		–		
44	–		–		–		
45	–		–		–		
46	–		–		–		
47	–		–		–		
c289: if G.96/2a then m else –. c290: if G.96/3a then m else –. c291: if G.96/5a then m else –. c292: if G.96/6a then m else –. c293: if G.96/7a then m else –. c294: if G.96/8a then m else –. c295: if G.96/9a then m else –. c296: if G.96/10a then m else –. c297: if G.96/15a then m else –. c298: if G.96/16a then m else –. c299: if G.96/17a then m else –. c300: if G.96/18a then m else –. c301: if G.96/19a then m else –. c302: if G.96/20a then m else –. c303: if G.96/21a then m else –. c304: if G.96/22a then m else –.							

Superseded by a more recent version

G.22.4 Notifications

Table G.98/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{ dmi-not 6 }		c305			
2	objectDeletion	{ dmi-not 7 }		c305			
3	attributeValueChange	{ dmi-not 1 }		c306			
4	stateChange	{ dmi-not 14 }		c307			
5	scanReport	{ summ-not 2 }		c308			
6	qualityofServiceAlarm	{ dmi-not 11 }		c309			

Table G.98/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c310		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.85		
	1.4.2.2	nonSpecificForm	–		c:o.85		
	1.4.2.3	localDistinguishedName	–		c:o.85		
	1.5	additionalText	{ dmi-att 7 }		o		
	1.6	additionalInformation	{ dmi-att 6 }		o		
2	2.1	sourceIndicator	{ dmi-att 26 }		o		
	2.2	attributeList	{ dmi-att 9 }		o		
	2.3	notificationIdentifier	{ dmi-att 16 }		c311		
	2.4	correlatedNotifications	{ dmi-att 12 }		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.86		
	2.4.2.2	nonSpecificForm	–		c:o.86		
	2.4.2.3	localDistinguishedName	–		c:o.86		
	2.5	additionalText	{ dmi-att 7 }		o		
	2.6	additionalInformation	{ dmi-att 6 }		o		
3	3.1	sourceIndicator	{ dmi-att 26 }		o		
	3.2	attributeIdentifierList	{ dmi-att 8 }		o		
	3.3	attributeValueChangeDefinition	{ dmi-att 10 }		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{ dmi-att 16 }		c312		
	3.5	correlatedNotifications	{ dmi-att 12 }		o		
	3.5.1	correlatedNotification	–		c:m		

Superseded by a more recent version

Table G.98/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
3	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.87		
	3.5.2.2	nonSpecificForm	–		c:o.87		
	3.5.2.3	localDistinguishedName	–		c:o.87		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
4	4.1	sourceIndicator	{dmi-att 26}		o		
	4.2	attributeIdentifierList	{dmi-att 8}		o		
	4.3	stateChangeDefinition	{dmi-att 10}		m		
	4.3.1	attributeID	–		m		
	4.3.2	oldAttributeValue	–		o		
	4.3.3	newAttributeValue	–		m		
	4.4	notificationIdentifier	{dmi-att 16}		o		
	4.5	correlatedNotifications	{dmi-att 12}		o		
	4.5.1	correlatedNotifications	–		c:m		
	4.5.2	sourceObjectInst	–		c:o		
	4.6	additionalText	{dmi-att 7}		o		
	4.7	additionalInformation	{dmi-att 6}		o		
	4.7.1	identifier	–		m		
	4.7.2	significance	–		m		
	4.7.3	information	–		m		
5	5.1	scanInitiationTime	{summ-att 22}		o		
	5.2	onceReportAttributeList	{summ-att 16}		o		
	5.3	observationScanList	{summ-att 15}		m		
	5.3.1	observedObjectInstance	–		o		
	5.3.1.1	distinguishedName	–		c:o.88		
	5.3.1.2	nonSpecificForm	–		c:o.88		
	5.3.1.3	localDistinguishedName	–		c:o.88		
	5.3.2	attributeMeasureList	–		o		
	5.3.2.1	attributeId	–		c:m		
	5.3.2.2	attributeValue	–		c:o		
	5.3.2.3	timeStamp	–		c:o		
	5.3.2.4	suspectFlag	–	DEFAULT FALSE	c:o		
	5.3.3	numericValueArray	–		c:o		
	5.3.3.1	missingData	–		c:o.89		
	5.3.3.2	valueOnly	–		c:o.89		
	5.3.3.3	qualifiedValue	–		c:o.89		
	5.3.3.3.1	value	–		c:m		
	5.3.3.3.2	timeStamp	–		c:o		
	5.3.3.3.3	suspectFlag	–	DEFAULT VALUE	c:o		
	5.4	incompleteScan	{summ-att 30}		o		
	5.5	additionalText	{dmi-att 7}		o		
	5.6	additionalInformation	{dmi-att 6}		o		
6	6.1	probableCause	{dmi-att 18}		m		
	6.2	specificProblems	{dmi-att 27}		o		
	6.3	perceivedSeverity	{dmi-att 17}		m		
	6.4	backedUpStatus	{dmi-att 11}		o		

Superseded by a more recent version

Table G.98/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
6	6.5	backUpObject	{dmi-att 40}		o		
	6.6	trendIndication	{dmi-att 30}		o		
	6.7	thresholdInfo	{dmi-att 29}		o		
	6.8	notificationIdentifier	{dmi-att 16}		c313		
	6.9	correlatedNotifications	{dmi-att 12}		o		
	6.9.1	correlatedNotification	–		c:m		
	6.9.2	sourceObjectInst	–		c:o		
	6.9.2.1	distinguishedName	–		c:o.90		
	6.9.2.2	nonSpecificForm	–		c:o.90		
	6.9.2.3	localDistinguishedName	–		c:o.90		
	6.10	stateChangeDefinition	{dmi-att 28}		o		
	6.11	monitoredAttributes	{dmi-att 15}		o		
	6.12	proposedRepairActions	{dmi-att 19}		o		
	6.13	additionalText	{dmi-att 7}		o		
	6.14	additionalInformation	{dmi-att 6}		o		
c305: if G.96/11a then m else –. c306: if G.96/12a then m else –. c307: if G.96/13a then m else –. c308: if G.96/21a then m else –. c309: if G.96/22a then m else –. c310: if G.98/1.4a then m else o. c311: if G.98/2.4a then m else o. c312: if G.98/3.5a then m else o. c313: if G.98/6.9a then m else o.							

G.22.5 Parameters

Table G.99/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	logRecordIdParameter	{q821Parameter 1}		c314		
2	correlatedRecordNameParameter	{q821Parameter 2}		c314		
3	suspectObjectListParameter	{q821Parameter 3}		c314		
c314: if G.96/22a then m else –.						

G.23 historyPacketTrafficData

G.23.1 Statement of conformance to the managed object class

Table G.100/X.162 – Managed object class support

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

Superseded by a more recent version

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 table below.

Table G.101/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.23.2 Packages

Table G.102/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{ dmi-pkg 16 }		c315		
3	allomorphicPackage	{ dmi-pkg 17 }		c316		
4	historyDataPkg	–		m		
5	historyDataMeasurementListPkg	{ summ-pkg 4 }		c317		
6	historyDataSuspectIntervalFlagPkg	{ summ-pkg 5 }		o		
7	numSuppressedIntervalsPkg	{ summ-pkg 9 }		c318		
8	objectDeleteNotificationPkg	{ summ-pkg 10 }		o		
9	observedManagedObjectPkg	{ summ-pkg 11 }		c319		
10	historyPacketTrafficData-P	–		m		
c315: if G.100/3a or any of (G.100/5a through G.100/9a) then m else –. c316: if G.100/1b then – else m. c317: if G.96/18a then m else –. c318: if G.96/19a then m else –. c319: if G.96/20a then m else –.						

G.23.3 Attributes

Table G.103/X.162 – Attribute support

				Set by Create		Get		Replace	
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support
1	objectClass	{ dmi-att 65 }		–		m		–	
2	nameBinding	{ dmi-att 63 }		–		m		–	
3	packages	{ dmi-att 66 }		–		c320		–	
4	allomorphs	{ dmi-att 50 }		–		c321		–	
5	historyDataId	{ summ-att 4 }		–		m		–	
6	periodEndTime	{ summ-att 12 }		–		m		–	
7	granularityPeriod	{ moa-att 23 }		–		m		–	
8	measurementList	{ summ-att 7 }		–		c322		–	
9	suspectIntervalFlag	{ summ-att 14 }		–		c323		–	

Superseded by a more recent version

Table G.103/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
10	numSuppressedIntervals	{summ-att 9}		–		c324		–	
11	observedObjectClass	{summ-att 10}		–		c325		–	
12	observedObjectInstance	{moa-att 16}		–		c325		–	
13	callAttempts	{NLM.aoi 52}		–		m		–	
14	callsConnected	{NLM.aoi 53}		–		m		–	
15	callTimeouts	{NLM.aoi 55}		–		m		–	
16	clearTimeouts	{NLM.aoi 56}		–		m		–	
17	dataPacketsReceived	{NLM.aoi 51}		–		m		–	
18	dataPacketsSent	{NLM.aoi 50}		–		m		–	
19	octetsReceivedCounter	{dmi-att 78}		–		m		–	
20	octetsSentCounter	{dmi-att 80}		–		m		–	
21	protocolErrorsAccusedOf	{NLM.aoi 64}		–		m		–	
22	protocolErrorsDetectedLocally	{NLM.aoi 63}		–		m		–	
23	providerInitiatedDisconnects	{NLM.aoi 54}		–		m		–	
24	providerInitiatedResets	{NLM.aoi 59}		–		m		–	
25	resetTimeouts	{NLM.aoi 60}		–		m		–	
26	remotelyInitiatedResets	{NLM.aoi 57}		–		m		–	
27	remotelyInitiatedRestarts	{NLM.aoi 61}		–		m		–	
28	segmentsReceived	{NLM.aoi 6}		–		m		–	
29	segmentsSent	{NLM.aoi 118}		–		m		–	

Table G.103/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		

Superseded by a more recent version

Table G.103/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
18	–		–		–		
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	–		–		–		
26	–		–		–		
27	–		–		–		
28	–		–		–		
29	–		–		–		
c320: if G.102/2a then m else –. c321: if G.102/3a then m else –. c322: if G.102/5a then m else –. c323: if G.102/6a then m else –. c324: if G.102/7a then m else –. c325: if G.102/9a then m else –.							

G.23.4 Notifications

Table G.104/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectDeletion	{dmi-not 7}		c326			

Table G.104/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c327		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.91		
	1.4.2.2	nonSpecificForm	–		c:o.91		
	1.4.2.3	localDistinguishedName	–		c:o.91		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
c326: if G.102/8a then m else –. c327: if G.104/1.4a then m else o.							

Superseded by a more recent version

G.24 mlpMonitoredPoint

G.24.1 Statement of conformance to the managed object class

Table G.105/X.162 – Managed object class support

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

Table G.106/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.24.2 Packages

Table G.107/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c328		
3	allomorphicPackage	{dmi-pkg 17}		c329		
4	mlpMonitoredPoint-P	–		m		
c326: if G.16.2/3a then m else –. c327: if G.16.1.1/1b then – else m.						

G.24.3 Attributes

Table G.108/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c330		–	
4	allomorphs	{dmi-att 50}		–		c331		–	
5	mlpMonitoredPointId	{cnmAttribute 29}		–		m		–	

Superseded by a more recent version

Table G.108/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
c330: if G.107/2a then m else –. c331: if G.107/3a then m else –.							

G.25 currentMlpTrafficData

G.25.1 Statement of conformance to the managed object class

Table G.109/X.162 – Managed object class support

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

Table G.110/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.25.2 Packages

Table G.111/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c332		
3	allomorphicPackage	{dmi-pkg 17}		c333		
4	scannerPackage	–		m		
5	availabilityStatusPackage	{dmi-pkg 22}		c334		
6	duration	{dmi-pkg 26}		o		
7	dailyScheduling	{dmi-pkg 25}		o		
8	weeklyScheduling	{dmi-pkg 29}		o		
9	externalScheduler	{dmi-pkg 27}		o		
10	periodSynchronizationPackage	{moa-pkg 10}		o		
11	createDeleteNotificationsPackage	{m3100Package 10}		o		
12	attributeValueChangeNotificationPackage	{m3100Package 4}		o		
13	stateChangeNotificationPackage	{m3100Package 28}		o		
14	currentDataPkg	–		m		
15	filterSuppressionPkg	{summ-pkg 2}		o		

Superseded by a more recent version

Table G.111/X.162 – Package support (concluded)

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
16	historyRetentionPkg	{summ-pkg 6}		o		
17	maxSuppressedIntervalsPkg	{summ-pkg 7}		o		
18	measurementListPkg	{summ-pkg 8}		o		
19	numSuppressedIntervalsPkg	{summ-pkg 9}		o		
20	observedManagedObjectPkg	{summ-pkg 11}		o		
21	scheduledPMReportPkg	{summ-pkg 12}		o		
22	thresholdPkg	{summ-pkg 13}		o		
23	zeroSuppressionPkg	{summ-pkg 15}		o		
24	currentMlpTrafficData-P	–		m		
c332: if G.111/3a or any of (G.111/5a through G.111/23a) then m else –. c333: if G.110/1b then – else m. c334: if G.111/7a or G.111/8a or G.111/9a then m else –.						

G.25.3 Attributes

Table G.112/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c335		–	
4	allomorphs	{dmi-att 50}		–		c336		–	
5	scannerId	{moa-att 25}		–		m		–	
6	administrativeState	{dmi-att 31}		m		m		m	
7	granularityPeriod	{moa-att 23}		m		m		m	
8	operationalState	{dmi-att 35}		–		m		–	
9	availabilityStatus	{dmi-att 33}	REQUIRED VALUES	–		c337		–	
10	startTime	{dmi-att 68}		c338		c338		c338	
11	stopTime	{dmi-att 69}	DEFAULT VALUE	c338		c338		c338	
12	intervalsOfDay	{dmi-att 57}	DEFAULT VALUE	c339		c339		c339	
13	weekmask	{dmi-att 71}	DEFAULT VALUE	c340		c340		c340	
14	schedulerName	{dmi-att 67}		–		c341		–	
15	periodSynchronizationTime	{moa-att 24}		c342		c342		c342	
16	suspectIntervalFlag	{summ-att 14}	DEFAULT VALUE	–		m		–	
17	elapsedTime	{summ-att 2}		–		m		–	
18	discriminatorConstruct	{dmi-att 56}	DEFAULT VALUE	c343		c343		c343	
19	historyRetention	{summ-att 5}		c344		c344		c344	
20	maxSuppressedIntervals	{summ-att 6}		c345		c345		c345	
21	measurementList	{summ-att 7}		c346		c346		c346	
22	numSuppressedIntervals	{summ-att 9}		–		c347		–	
23	observedObjectClass	{summ-att 10}		–		c348		–	
24	observedObjectInstance	{moa-att 16}		–		c348		–	

Superseded by a more recent version

Table G.112/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
25	scanAttributeIdList	{summ-att 21}		c349		c349		c349	
26	numericAttributeIdArray	{summ-att 10}		c349		c349		c349	
27	onceReportAttributeIdList	{summ-att 16}		c349		c349		c349	
28	reportAllAttributes	{summ-att 11}	DEFAULT VALUE	c350		c350		c350	
29	suppressAdditionalThresholds	{summ-att 13}	DEFAULT VALUE	c350		c350		c350	
30	thresholdDataInstance	{summ-att 16}		c350		c350		c350	
31	receivedMlpFramesInGuardRegion	{DLM.aoi 49}		–		m		–	
32	receivedMlpResets	{DLM.aoi 50}		–		m		–	
33	mlpFramesReceived	{cnmAttribute 49}		–		m		–	
34	mlpFramesSent	{cnmAttribute 50}		–		m		–	
35	mlpFramesOutsideWindowGuard	{cnmAttribute 48}		–		m		–	

Table G.112/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		c337		
12	c338		c338		c338		
13	c339		c339		c339		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
18	–		–		c343		
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	c349		c349		–		

Superseded by a more recent version

Table G.112/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
26	–		–		–		
27	c349		c349		–		
28	–		–		c350		
29	–		–		c350		
30	c350		c350		–		
31	–		–		–		
32	–		–		–		
33	–		–		–		
34	–		–		–		
35	–		–		–		
c335: if G.111/2a then m else –. c336: if G.111/3a then m else –. c337: if G.111/5a then m else –. c338: if G.111/6a then m else –. c339: if G.111/7a then m else –. c340: if G.111/8a then m else –. c341: if G.111/9a then m else –. c342: if G.111/10a then m else –. c343: if G.11/15a then m else –. c344: if G.111/16a then m else –. c345: if G.111/17a then m else –. c346: if G.111/18a then m else –. c347: if G.11/19a then m else –. c348: if G.111/20a then m else –. c349: if G.111/21a then m else –. c350: if G.111/22a then m else –.							

G.25.4 Notifications

Table G.113/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		c351			
2	objectDeletion	{dmi-not 7}		c351			
3	attributeValueChange	{dmi-not 1}		c352			
4	stateChange	{dmi-not 14}		c353			
5	scanReport	{summ-not 2}		c354			
6	qualityofServiceAlarm	{dmi-not 11}		c355			

Table G.113/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		

Superseded by a more recent version

Table G.113/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.3	notificationIdentifier	{dmi-att 16}		c356		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.92		
	1.4.2.2	nonSpecificForm	–		c:o.82		
	1.4.2.3	localDistinguishedName	–		c:o.82		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c357		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.93		
	2.4.2.2	nonSpecificForm	–		c:o.93		
	2.4.2.3	localDistinguishedName	–		c:o.93		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c358		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.94		
	3.5.2.2	nonSpecificForm	–		c:o.94		
	3.5.2.3	localDistinguishedName	–		c:o.94		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
4	4.1	sourceIndicator	{dmi-att 26}		o		
	4.2	attributeIdentifierList	{dmi-att 8}		o		
	4.3	stateChangeDefinition	{dmi-att 10}		m		
	4.3.1	attributeID	–		m		
	4.3.2	oldAttributeValue	–		o		
	4.3.3	newAttributeValue	–		m		
	4.4	notificationIdentifier	{dmi-att 16}		o		
	4.5	correlatedNotifications	{dmi-att 12}		o		
	4.5.1	correlatedNotifications	–		c:m		
	4.5.2	sourceObjectInst	–		c:o		
	4.6	additionalText	{dmi-att 7}		o		
	4.7	additionalInformation	{dmi-att 6}		o		
	4.7.1	identifier	–		m		
	4.7.2	significance	–		m		
	4.7.3	information	–		m		

Superseded by a more recent version

Table G.113/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
5	5.1	scanInitiationTime	{summ-att 22}		o		
	5.2	onceReportAttributeList	{summ-att 16}		o		
	5.3	observationScanList	{summ-att 15}		m		
	5.3.1	observedObjectInstance	–		o		
	5.3.1.1	distinguishedName	–		c:o.95		
	5.3.1.2	nonSpecificForm	–		c:o.95		
	5.3.1.3	localDistinguishedName	–		c:o.95		
	5.3.2	attributeMeasureList	–		o		
	5.3.2.1	attributeId	–		c:m		
	5.3.2.2	attributeValue	–		c:o		
	5.3.2.3	timeStamp	–	DEFAULT FALSE	c:o		
	5.3.2.4	suspectFlag	–		c:o		
	5.3.3	numericValueArray	–		c:o		
	5.3.3.1	missingData	–		c:o.96		
	5.3.3.2	valueOnly	–		c:o.96		
	5.3.3.3	qualifiedValue	–		c:o.96		
	5.3.3.3.1	value	–		c:m		
	5.3.3.3.2	timeStamp	–		c:o		
	5.3.3.3.3	suspectFlag	–	DEFAULT VALUE	c:m		
	5.4	incompleteScan	{summ-att 30}		o		
	5.5	additionalText	{dmi-att 7}		o		
	5.6	additionalInformation	{dmi-att 6}		o		
6	6.1	probableCause	{dmi-att 18}		m		
	6.2	specificProblems	{dmi-att 27}		o		
	6.3	perceivedSeverity	{dmi-att 17}		o		
	6.4	backedUpStatus	{dmi-att 11}		o		
	6.5	backUpObject	{dmi-att 40}		o		
	6.6	trendIndication	{dmi-att 30}		o		
	6.7	thresholdInfo	{dmi-att 29}		o		
	6.8	notificationIdentifier	{dmi-att 16}		c359		
	6.9	correlatedNotifications	{dmi-att 12}		o		
	6.9.1	correlatedNotifications	–		c:m		
	6.9.2	sourceObjectInst	–		c:o		
	6.9.2.1	distinguishedName	–		c:o.97		
	6.9.2.2	nonSpecificForm	–		c:o.97		
	6.9.2.3	localDistinguishedName	–		c:o.97		
	6.10	stateChangeDefinition	{dmi-att 28}		o		
	6.11	monitoredAttributes	{dmi-att 15}		o		
	6.12	proposedRepairActions	{dmi-att 19}		o		
	6.13	additionalText	{dmi-att 7}		o		
	6.14	additionalInformation	{dmi-att 6}		o		
c351: if G.111/11a then m else –. c352: if G.111/12a then m else –. c353: if G.111/13a then m else –. c354: if G.111/21a then m else –. c355: if G.111/22a then m else o. c356: if G.113/1.4a then m else o. c357: if G.113/2.4a then m else o. c358: if G.113/3.5a then m else o. c359: if G.113/6.9a then m else o.							

Superseded by a more recent version

G.25.5 Parameters

Table G.114/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	logRecordIdParameter	{q821Parameter 1}		c360		
2	correlatedRecordNameParameter	{q821Parameter 2}		c360		
3	suspectObjectListParameter	{q821Parameter 3}		c360		
c360: if G.111/22a then m else –.						

G.26 historyMlpTrafficData

G.26.1 Statement of conformance to the managed object class

Table G.115/X.162 – Managed object class support

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

Table G.116/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.26.2 Packages

Table G.117/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c361		
3	allomorphicPackage	{dmi-pkg 17}		c362		
4	historyDataPkg	–		m		
5	historyDataMeasurementListPkg	{summ-pkg 4}		c363		
6	historyDataSuspectIntervalFlagPkg	{summ-pkg 5}		o		
7	numSuppressedIntervalsPkg	{summ-pkg 9}		c364		
8	objectDeleteNotificationPkg	{summ-pkg 10}		o		

Superseded by a more recent version

Table G.117/X.162 – Package support (concluded)

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
9	observedManagedObjectPkg	{summ-pkg 11}		c365		
10	historyMlpTrafficData-P	–		m		
c361: if G.117/3a or any of (G.117/5a through G.117/9a) then m else –. c362: if G.115/1b then – else m. c363: if G.111/18a then m else –. c364: if G.111/19a then m else –. c365: if G.111/20a then m else –.						

G.26.3 Attributes

Table G.118/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c366		–	
4	allomorphs	{dmi-att 50}		–		c367		–	
5	historyDataId	{summ-att 4}		–		m		–	
6	periodEndTime	{summ-att 12}		–		m		–	
7	granularityPeriod	{moa-att 23}		–		m		–	
8	measurementList	{summ-att 7}		–		c368		–	
9	suspectIntervalFlag	{summ-att 14}		–		c369		–	
10	numSuppressedIntervals	{summ-att 9}		–		c370		–	
11	observedObjectClass	{summ-att 10}		–		c371		–	
12	observedObjectInstance	{moa-att 16}		–		c371		–	
13	receivedMlpFramesInGuardRegion	{DLM.aoi 49}		–		m		–	
14	receivedMlpResets	{DLM.aoi 50}		–		m		–	
15	mlpFramesReceived	{cnmAttribute 49}		–		m		–	
16	mlpFramesSent	{cnmAttribute 50}		–		m		–	
17	mlpFramesOutsideWindowGuard	{cnmAttribute 48}		–		m		–	

Table G.118/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		

Superseded by a more recent version

Table G.118/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
c366: if G.117/2a then m else –. c367: if G.117/3a then m else –. c368: if G.117/5a then m else –. c369: if G.117/6a then m else –. c370: if G.117/7a then m else –. c371: if G.117/9a then m else –.							

G.26.4 Notifications

Table G.119/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectDeletion	{ dmi-not 7 }		c372			

Table G.119/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c373		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.98		
	1.4.2.2	nonSpecificForm	–		c:o.98		
	1.4.2.3	localDistinguishedName	–		c:o.98		
	1.5	additionalText	{ dmi-att 7 }		o		
	1.6	additionalInformation	{ dmi-att 6 }		o		
c372: if G.117/8a then m else –. c373: if G.119/1.4a then m else o.							

Superseded by a more recent version

G.27 currentSlpTrafficData

G.27.1 Statement of conformance to the managed object class

Table G.120/X.162 – Managed object class support

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

Table G.121/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.27.2 Packages

Table G.122/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c374		
3	allomorphicPackage	{dmi-pkg 17}		c375		
4	scannerPackage	–		m		
5	availabilityStatusPackage	{dmi-pkg 22}		c376		
6	duration	{dmi-pkg 26}		o		
7	dailyScheduling	{dmi-pkg 25}		o		
8	weeklyScheduling	{dmi-pkg 29}		o		
9	externalScheduler	{dmi-pkg 27}		o		
10	periodSynchronizationPackage	{moa-pkg 10}		o		
11	createDeleteNotificationsPackage	{m3100Package 10}		o		
12	attributeValueChangeNotificationPackage	{m3100Package 4}		o		
13	stateChangeNotificationPackage	{m3100Package 28}		o		
14	currentDataPkg	–		m		
15	filterSuppressionPkg	{summ-pkg 2}		o		
16	historyRetentionPkg	{summ-pkg 6}		o		
17	maxSuppressedIntervalsPkg	{summ-pkg 7}		o		
18	measurementListPkg	{summ-pkg 8}		o		
19	numSuppressedIntervalsPkg	{summ-pkg 9}		o		
20	observedManagedObjectPkg	{summ-pkg 11}		o		
21	scheduledPMReportPkg	{summ-pkg 12}		o		
22	thresholdPkg	{summ-pkg 13}		o		

Superseded by a more recent version

Table G.122/X.162 – Package support (concluded)

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
23	zeroSuppressionPkg	{summ-pkg 15}		o		
24	historySlpTrafficData-P	–		m		
c374: if G.122/3a or any of (G.122/5a through G.122/13a) or any of (G.122/15a through G.122/23a) then m else –.						
c375: if G.120/1b then – else m.						
c376: if G.122/7a or G.122/8a or G.122/9a then m else –.						

G.27.3 Attributes

Table G.123/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c377		–	
4	allomorphs	{dmi-att 50}		–		c378		–	
5	scannerId	{moa-att 25}		–		m		–	
6	administrativeState	{dmi-att 31}		m		m		m	
7	granularityPeriod	{moa-att 23}		m		m		m	
8	operationalState	{dmi-att 35}		–		m		–	
9	availabilityStatus	{dmi-att 33}	REQUIRED VALUES	–		c379		–	
10	startTime	{dmi-att 68}		c380		c380		c380	
11	stopTime	{dmi-att 69}	DEFAULT VALUE	c380		c380		c380	
12	intervalsOfDay	{dmi-att 57}	DEFAULT VALUE	c381		c381		c381	
13	weekmask	{dmi-att 71}	DEFAULT VALUE	c382		c382		c382	
14	schedulerName	{dmi-att 67}		–		c383		–	
15	periodSynchronizationTime	{moa-att 24}		c384		c384		c384	
16	suspectIntervalFlag	{summ-att 14}	DEFAULT VALUE	–		m		–	
17	elapsedTime	{summ-att 2}		–		m		–	
18	discriminatorConstruct	{dmi-att 56}	DEFAULT VALUE	c385		c385		c385	
19	historyRetention	{summ-att 5}		c386		c386		c386	
20	maxSuppressedIntervals	{summ-att 6}		c387		c387		c387	
21	measurementList	{summ-att 7}		c388		c388		c388	
22	numSuppressedIntervals	{summ-att 9}		–		c389		–	
23	observedObjectClass	{summ-att 10}		–		c390		–	
24	observedObjectInstance	{moa-att 16}		–		c390		–	
25	scanAttributeIdList	{summ-att 21}		c391		c391		c391	
26	numericAttributeIdArray	{summ-att 10}		c391		c391		c391	
27	onceReportAttributeIdList	{summ-att 16}		c391		c391		c391	

Superseded by a more recent version

Table G.123/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
28	reportAllAttributes	{summ-att 11}	DEFAULT VALUE	c392		c392		c392	
29	suppressAdditionalThresholds	{summ-att 13}	DEFAULT VALUE	c392		c392		c392	
30	thresholdDataInstance	{summ-att 16}		c392		c392		c392	
31	fCSErrorsReceived	{DLM.aoi 15}		–		m		–	
32	fRMRsReceived	{DLM.aoi 1}		–		m		–	
33	fRMRsSent	{DLM.aoi 2}		–		m		–	
34	iFrameDataOctetsReceived	{DLM.aoi 16}		–		m		–	
35	iFrameDataOctetsSent	{DLM.aoi 17}		–		m		–	
36	iFramesReceived	{DLM.aoi 3}		–		m		–	
37	iFramesSent	{DLM.aoi 4}		–		m		–	
38	pollsReceived	{DLM.aoi 22}		–		m		–	
39	rEJsReceived	{DLM.aoi 5}		–		m		–	
40	rEJsSent	{DLM.aoi 6}		–		m		–	
41	rNRsReceived	{DLM.aoi 7}		–		m		–	
42	rNRsSent	{DLM.aoi 8}		–		m		–	
43	sABMsReceived	{DLM.aoi 9}		–		m		–	
44	sABMsSent	{DLM.aoi 10}		–		m		–	
45	timesMT1Expired	{DLM.aoi 29}		–		m		–	

Table G.123/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		c380		
12	c381		c381		c381		
13	c382		c382		c382		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		

Superseded by a more recent version

Table G.123/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
18	–		–		c385		
19	–		–		–		
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	c391		c391		–		
26	–		–		–		
27	c391		c391		–		
28	–		–		c392		
29	–		–		c392		
30	c392		c392		–		
31	–		–		–		
32	–		–		–		
33	–		–		–		
34	–		–		–		
35	–		–		–		
36	–		–		–		
37	–		–		–		
38	–		–		–		
39	–		–		–		
40	–		–		–		
41	–		–		–		
42	–		–		–		
43	–		–		–		
44	–		–		–		
45	–		–		–		
c377: if G.122/2a then m else –. c378: if G.122/3a then m else –. c379: if G.122/5a then m else –. c380: if G.122/6a then m else –. c381: if G.122/7a then m else –. c382: if G.122/8a then m else –. c383: if G.122/9a then m else –. c384: if G.122/10a then m else –. c385: if G.122/15a then m else –. c386: if G.122/16a then m else –. c387: if G.122/17a then m else –. c388: if G.122/18a then m else –. c389: if G.122/19a then m else –. c390: if G.122/20a then m else –. c391: if G.122/21a then m else –. c392: if G.122/22a then m else –.							

Superseded by a more recent version

G.27.4 Notifications

Table G.124/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		c393			
2	objectDeletion	{dmi-not 7}		c393			
3	attributeValueChange	{dmi-not 1}		c394			
4	stateChange	{dmi-not 14}		c395			
5	scanReport	{summ-not 2}		c396			
6	qualityofServiceAlarm	{dmi-not 11}		c397			

Table G.124/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c398		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.99		
	1.4.2.2	nonSpecificForm	–		c:o.99		
	1.4.2.3	localDistinguishedName	–		c:o.99		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
2	2.1	sourceIndicator	{dmi-att 26}		o		
	2.2	attributeList	{dmi-att 9}		o		
	2.3	notificationIdentifier	{dmi-att 16}		c399		
	2.4	correlatedNotifications	{dmi-att 12}		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.100		
	2.4.2.2	nonSpecificForm	–		c:o.100		
	2.4.2.3	localDistinguishedName	–		c:o.100		
	2.5	additionalText	{dmi-att 7}		o		
	2.6	additionalInformation	{dmi-att 6}		o		
3	3.1	sourceIndicator	{dmi-att 26}		o		
	3.2	attributeIdentifierList	{dmi-att 8}		o		
	3.3	attributeValueChangeDefinition	{dmi-att 10}		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{dmi-att 16}		c400		
	3.5	correlatedNotifications	{dmi-att 12}		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.101		

Superseded by a more recent version

Table G.124/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
3	3.5.2.2	nonSpecificForm	–		c:o.101		
	3.5.2.3	localDistinguishedName	–		c:o.101		
	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
4	4.1	sourceIndicator	{dmi-att 26}		o		
	4.2	attributeIdentifierList	{dmi-att 8}		o		
	4.3	stateChangeDefinition	{dmi-att 10}		m		
	4.3.1	attributeID	–		m		
	4.3.2	oldAttributeValue	–		o		
	4.3.3	newAttributeValue	–		m		
	4.4	notificationIdentifier	{dmi-att 16}		o		
	4.5	correlatedNotifications	{dmi-att 12}		o		
	4.5.1	correlatedNotifications	–		c:m		
	4.5.2	sourceObjectInst	–		c:o		
	4.6	additionalText	{dmi-att 7}		o		
	4.7	additionalInformation	{dmi-att 6}		o		
	4.7.1	identifier	–		m		
	4.7.2	significance	–		m		
	4.7.3	information	–		m		
5	5.1	scanInitiationTime	{summ-att 22}		o		
	5.2	onceReportAttributeList	{summ-att 16}		o		
	5.3	observationScanList	{summ-att 15}		m		
	5.3.1	observedObjectInstance	–		o		
	5.3.1.1	distinguishedName	–		c:o.102		
	5.3.1.2	nonSpecificForm	–		c:o.102		
	5.3.1.3	localDistinguishedName	–		c:o.102		
	5.3.2	attributeMeasureList	–		o		
	5.3.2.1	attributeId	–		c:m		
	5.3.2.2	attributeValue	–		c:o		
	5.3.2.3	timeStamp	–		c:o		
	5.3.2.4	suspectFlag	–	DEFAULT FALSE	c:o		
	5.3.3	numericValueArray	–		c:o		
	5.3.3.1	missingData	–		c:o.103		
	5.3.3.2	valueOnly	–		c:o.103		
	5.3.3.3	qualifiedValue	–		c:o.103		
	5.3.3.3.1	value	–		c:m		
	5.3.3.3.2	timeStamp	–		c:o		
	5.3.3.3.3	suspectFlag	–	DEFAULT VALUE	c:o		
	5.4	incompleteScan	{summ-att 30}		o		
	5.5	additionalText	{dmi-att 7}		o		
	5.6	additionalInformation	{dmi-att 6}		o		
6	6.1	probableCause	{dmi-att 18}		m		
	6.2	specificProblems	{dmi-att 27}		o		
	6.3	perceivedSeverity	{dmi-att 17}		o		
	6.4	backedUpStatus	{dmi-att 11}		o		
	6.5	backUpObject	{dmi-att 40}		o		
	6.6	trendIndication	{dmi-att 30}		o		
	6.7	thresholdInfo	{dmi-att 29}		o		

Superseded by a more recent version

Table G.124/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
6	6.8	notificationIdentifier	{dmi-att 16}		c401		
	6.9	correlatedNotifications	{dmi-att 12}		o		
	6.9.1	correlatedNotifications	–		c:m		
	6.9.2	sourceObjectInst	–		c:o		
	6.9.2.1	distinguishedName	–		c:o.104		
	6.9.2.2	nonSpecificForm	–		c:o.104		
	6.9.2.3	localDistinguishedName	–		c:o.104		
	6.10	stateChangeDefinition	{dmi-att 28}		o		
	6.11	monitoredAttributes	{dmi-att 15}		o		
	6.12	proposedRepairActions	{dmi-att 19}		o		
	6.13	additionalText	{dmi-att 7}		o		
	6.14	additionalInformation	{dmi-att 6}		o		
c393: if G.122/11a then m else –. c394: if G.122/12a then m else –. c395: if G.122/13a then m else –. c396: if G.122/21a then m else –. c397: if G.120/22a then m else –. c398: if G.124/1.4a then m else o. c399: if G.124/2.4a then m else o. c400: if G.124/3.5a then m else o. c401: if G.124/6.9a then m else o.							

G.27.5 Parameters

Table G.125/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	logRecordIdParameter	{q821Parameter 1}		c402		
2	correlatedRecordNameParameter	{q821Parameter 2}		c402		
3	suspectObjectListParameter	{q821Parameter 3}		c402		
c402: if G.122/22a then m else –.						

G.28 historySlpTrafficData

G.28.1 Statement of conformance to the managed object class

Table G.126/X.162 – Managed object class support

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

Superseded by a more recent version

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 table below.

Table G.127/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.28.2 Packages

Table G.128/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c403		
3	allomorphicPackage	{dmi-pkg 17}		c404		
4	historyDataPkg	–		m		
5	historyDataMeasurementListPkg	{summ-pkg 4}		c405		
6	historyDataSuspectIntervalFlagPkg	{summ-pkg 5}		o		
7	numSuppressedIntervalsPkg	{summ-pkg 9}		c406		
8	objectDeleteNotificationPkg	{summ-pkg 10}		o		
9	observedManagedObjectPkg	{summ-pkg 11}		c407		
10	historySlpTrafficData-P	–		m		
c403: if G.128/3a or any of (G.128/5a through G.128/9a) then m else –. c404: if G.126/1b then – else m. c405: if G.122/18a then m else –. c406: if G.122/19a then m else –. c407: if G.122/20a then m else –.						

G.28.3 Attributes

Table G.129/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c408		–	
4	allomorphs	{dmi-att 50}		–		c409		–	
5	historyDataId	{summ-att 4}		–		m		–	
6	periodEndTime	{summ-att 12}		–		m		–	
7	granularityPeriod	{moa-att 23}		–		m		–	
8	measurementList	{summ-att 7}		–		c410		–	
9	suspectIntervalFlag	{summ-att 14}		–		c411		–	

Superseded by a more recent version

Table G.129/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
10	numSuppressedIntervals	{summ-att 9}		–		c412		–	
11	observedObjectClass	{summ-att 10}		–		c413		–	
12	observedObjectInstance	{moa-att 16}		–		c413		–	
13	fCSErrorsReceived	{DLM.aoi 15}		–		m		–	
14	fRMRsReceived	{DLM.aoi 1}		–		m		–	
15	fRMRsSent	{DLM.aoi 2}		–		m		–	
16	iFrameDataOctetsReceived	{DLM.aoi 16}		–		m		–	
17	iFrameDataOctetsSent	{DLM.aoi 17}		–		m		–	
18	iFramesReceived	{DLM.aoi 3}		–		m		–	
19	iFramesSent	{DLM.aoi 4}		–		m		–	
20	pollsReceived	{DLM.aoi 22}		–		m		–	
21	rEJsReceived	{DLM.aoi 5}		–		m		–	
22	rEJsSent	{DLM.aoi 6}		–		m		–	
23	rNRsReceived	{DLM.aoi 7}		–		m		–	
24	rNRsSent	{DLM.aoi 8}		–		m		–	
25	sABMsReceived	{DLM.aoi 9}		–		m		–	
26	sABMsSent	{DLM.aoi 10}		–		m		–	
27	timesT1Expired	{DLM.aoi 29}		–		m		–	

Table G.129/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
18	–		–		–		
19	–		–		–		

Superseded by a more recent version

Table G.129/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
20	–		–		–		
21	–		–		–		
22	–		–		–		
23	–		–		–		
24	–		–		–		
25	–		–		–		
26	–		–		–		
27	–		–		–		
c408: if G.128/2a then m else –. c409: if G.128/3a then m else –. c410: if G.128/5a then m else –. c411: if G.128/6a then m else –. c412: if G.128/7a then m else –. c413: if G.128/9a then m else –.							

G.28.4 Notifications

Table G.130/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectDeletion	{dmi-not 7}		c414			

Table G.130/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c415		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.105		
	1.4.2.2	nonSpecificForm	–		c:o.105		
	1.4.2.3	localDistinguishedName	–		c:o.105		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		
c414: if G.128/8a then m else –. c415: if G.130/1.4a then m else o.							

Superseded by a more recent version

G.29 serviceRequest

G.29.1 Statement of conformance to the managed object class

Table G.131/X.162 – Managed object class support

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

Table G.132/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.29.2 Packages

Table G.133/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c416		
3	allomorphicPackage	{dmi-pkg 17}		c417		
4	serviceRequestPkg	{cnmPackage 13}		m		
5	trAgentContactPersonAttributePkg	{x790Package 87}		o		
6	trAgentContactPersonObjectPkg	{x790Package 88}		o		
7	trAlternateManagerContactPersonAttributePkg	{x790Package 25}		o		
8	trAlternateManagerContactPersonObjectPkg	{x790Package 26}		o		
9	trDialogPkg	{x790Package 36}		o		
10	trManagerContactPersonAttributePkg	{x790Package 58}		o		
11	trManagerContactPersonObjectPkg	{x790Package 59}		o		
12	negotiationPkg	{cnmPackage 12}		o		
c416 if any of (G.133/3a through G.133/12a) then m else –.						
c417: if G.131/1b then – else m.						

Superseded by a more recent version

G.29.3 Attributes

Table G.134/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c418		–	
4	allomorphs	{dmi-att 50}		–		c419		–	
5	serviceRequestId	{cnmAttribute 31}		–		m		–	
6	status	{cnmAttribute 62}	INITIAL VALUE	x		m		m	
7	dateRequest	{cnmAttribute 39}	DEFAULT VALUE	m		m		m	
8	operationList	{cnmAttribute 55}	DEFAULT VALUE	m		m		m	
9	resultList	{cnmAttribute 59}	INITIAL VALUE	x		m		–	
10	processingMode	{cnmAttribute 58}	DEFAULT VALUE	m		m		m	
11	agentContactPerson	{x790Attribute 11}		–		c420		–	
12	agentContactObjectPtr	{x790Attribute 12}		–		c421		–	
13	alternateManagerContactPerson	{x790Attribute 14}		c422		c422		c422	
14	alternateManagerContactObjectPtr	{x790Attribute 15}		c423		c423		c423	
15	dialog	{x790Attribute 29}		c424		c424		c424	
16	managerContactPerson	{x790Attribute 65}		c425		c425		c425	
17	managerContactObjectPtr	{x790Attribute 66}		c426		c426		c426	
18	limitValidityDate	{cnmAttribute 43}		c427		c427		c427	

Table G.134/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		m		
8	–		–		m		
9	–		–		–		
10	–		–		m		
11	–		–		–		
12	–		–		–		
13	–		–		–		

Superseded by a more recent version

Table G.134/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
18	–		–		–		
c418: if G.133/2a then m else –. c419: if G.133/3a then m else –. c420: if G.133/5a then m else –. c421: if G.133/6a then m else –. c422: if G.133/7a then m else –. c423: if G.133/8a then m else –. c424: if G.133/9a then m else –. c425: if G.133/10a then m else –. c426: if G.133/11a then m else –. c427: if G.133/12a then m else –.							

G.29.4 Notifications

Table G.135/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{dmi-not 6}		m			
2	objectDeletion	{dmi-not 7}		m			
3	attributeValueChange	{dmi-not 1}		m			

Table G.135/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Additional information
1	1.1	sourceIndicator	{dmi-att 26}		o		
	1.2	attributeList	{dmi-att 9}		o		
	1.3	notificationIdentifier	{dmi-att 16}		c428		
	1.4	correlatedNotifications	{dmi-att 12}		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.106		
	1.4.2.2	nonSpecificForm	–		c:o.106		
	1.4.2.3	localDistinguishedName	–		c:o.106		
	1.5	additionalText	{dmi-att 7}		o		
	1.6	additionalInformation	{dmi-att 6}		o		

Superseded by a more recent version

Table G.135/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
2	2.1	sourceIndicator	{ dmi-att 26 }		o		
	2.2	attributeList	{ dmi-att 9 }		o		
	2.3	notificationIdentifier	{ dmi-att 16 }		c429		
	2.4	correlatedNotifications	{ dmi-att 12 }		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.107		
	2.4.2.2	nonSpecificForm	–		c:o.107		
	2.4.2.3	localDistinguishedName	–		c:o.107		
	2.5	additionalText	{ dmi-att 7 }		o		
	2.6	additionalInformation	{ dmi-att 6 }		o		
3	3.1	sourceIndicator	{ dmi-att 26 }		o		
	3.2	attributeIndicator	{ dmi-att 8 }		o		
	3.3	attributeValueChangeDefinition	{ dmi-att 10 }		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{ dmi-att 16 }		c430		
	3.5	correlatedNotifications	{ dmi-att 12 }		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.108		
	3.5.2.2	nonSpecificForm	–		c:o.108		
	3.5.2.3	localDistinguishedName	–		c:o.108		
	3.6	additionalText	{ dmi-att 7 }		o		
	3.7	additionalInformation	{ dmi-att 6 }		o		
c428: if G.135/1.4a then m else o. c429: if G.135/2.4a then m else o. c430: if G.135/3.5a then m else o.							

G.30 network

G.30.1 Statement of conformance to the managed object class

Table G.136/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	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 table below.

Table G.137/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

Superseded by a more recent version

G.30.2 Packages

Table G.138/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c431		
3	allomorphicPackage	{dmi-pkg 17}		c432		
4	networkPackage	–		m		
5	userLabelPackage	{m3100Package 33}		o		
c431: if G.138/3a or G.138/5a then m else –. c432: if G.136/1b then – else m.						

G.30.3 Attributes

Table G.139/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c433		–	
4	allomorphs	{dmi-att 50}		–		c434		–	
5	networkId	{m3100Attribute 30}		–		m		–	
6	userLabel	{m3100Attribute 50}		c435		c435		c435	

Table G.139/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
c433: if G.139/2a then m else –. c434: if G.139/3a then m else –. c435: if G.139/5a then m else –.							

Superseded by a more recent version

G.31 equipment

G.31.1 Statement of conformance to the managed object class

Table G.140/X.162 – Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features?(Y/N)	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 table below.

Table G.141/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.31.2 Packages

Table G.142/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c436		
3	allomorphicPackage	{dmi-pkg 17}		c437		
4	equipmentPackage	–		m		
5	createDeleteNotificationsPackage	{m3100Package 10}		o		
6	attributeValueChangeNotificationPackage	{m3100Package 4}		o		
7	stateChangeNotificationPackage	{m3100Package 28}		o		
8	administrativeOperationalStatesPackage	{m3100Package 1}		o		
9	affectedObjectListPackage	{m3100Package 2}		o		
10	equipmentsEquipmentAlarmPackage	{m3100Package 15}		o		
11	environmentalAlarmPackage	{m3100Package 14}		o		
12	tmnCommunicationsAlarmInformationPackage	{m3100Package 30}		o		
13	processingErrorAlarmPackage	{m3100Package 21}		o		
14	userLabelPackage	{m3100Package 32}		o		
15	vendorNamePackage	{m3100Package 33}		o		
16	versionPackage	{m3100Package 34}		o		
17	locationNamePackage	{m3100Package 17}		o		
18	currentProblemListPackage	{m3100Package 13}		o		
c436: if G.142/3a or any of (G.142/12a through G.142/16) then m else –. c437: if G.140/1b then – else m.						

Superseded by a more recent version

G.31.3 Attributes

Table G.143/X.162 – 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
1	objectClass	{ dmi-att 65 }		–		m		–	
2	nameBinding	{ dmi-att 63 }		–		m		–	
3	packages	{ dmi-att 66 }		–		c438		–	
4	allomorphs	{ dmi-att 50 }		–		c439		–	
5	equipment	{m3100Attribute 20}		–		m		–	
6	administrativeState	{ dmi-att 31 }		c440		c440		c440	
7	operationalState	{ dmi-att 35 }		–		c440		–	
8	affectedObjectList	{m3100Attribute 2}		–		c441		–	
9	alarmStatus	{m3100Attribute 6}		–		c442		–	
10	equipmentId	{m3100Attribute 10}		–		m		–	
11	replaceable	{m3100Attribute 34}		–		m		–	
12	userLabel	{m3100Attribute 50}		c443		c443		c443	
13	vendorName	{m3100Attribute 51}		c444		c444		c444	
14	version	{m3100Attribute 52}		c445		c445		c445	
15	locationName	{m3100Attribute 27}		c446		c446		c446	
16	currentProblemList	{m3100Attribute 17}		–		c447		–	

Table G.143/X.162 – Attribute support (continued)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		

Superseded by a more recent version

Table G.143/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
10	–		–		–		
11	–		–		–		
c438: if G.142/2a then m else –. c439: if G.142/3a then m else –. c440: if G.142/8a then m else –. c441: if G.142/9a then m else –. c442: if G.142/10a or G.142/12a then m else –. c443: if G.142/14a then m else –. c444: if G.142/15a then m else –. c445: if G.142/16a then m else –. c446: if G.142/17a then m else –. c447: if G.142/18a or G.142/12a then m else –.							

G.31.4 Notifications

Table G.144/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{ dmi-not 6 }		c448			
2	objectDeletion	{ dmi-not 7 }		c448			
3	attributeValueChange	{ dmi-not 1 }		c449			
4	stateChange	{ dmi-not 14 }		c450			
5	communicationAlarm	{ dmi-not 2 }		c451			
6	processingErrorAlarm	{ dmi-not 10 }		c452			
7	equipmentAlarm	{ dmi-not 4 }		c453			
8	environmentAlarm	{ dmi-not 3 }		c454			

Table G.144/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c455		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.109		
	1.4.2.2	nonSpecificForm	–		c:o.109		
	1.4.2.3	localDistinguishedName	–		c:o.109		
	1.5	additionalText	{ dmi-att 7 }		o		
	1.6	additionalInformation	{ dmi-att 6 }		o		
2	2.1	sourceIndicator	{ dmi-att 26 }		o		
	2.2	attributeList	{ dmi-att 9 }		o		
	2.3	notificationIdentifier	{ dmi-att 16 }		c456		

Superseded by a more recent version

Table G.144/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
2	2.4	correlatedNotifications	{ dmi-att 12 }		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.110		
	2.4.2.2	nonSpecificForm	–		c:o.110		
	2.4.2.3	localDistinguishedName	–		c:o.110		
	2.5	additionalText	{ dmi-att 7 }		o		
	2.6	additionalInformation	{ dmi-att 6 }		o		
3	3.1	sourceIndicator	{ dmi-att 26 }		o		
	3.2	attributeIdentifierList	{ dmi-att 8 }		o		
	3.3	attributeValueChangeDefinition	{ dmi-att 10 }		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{ dmi-att 16 }		c457		
	3.5	correlatedNotifications	{ dmi-att 12 }		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.111		
	3.5.2.2	nonSpecificForm	–		c:o.111		
	3.5.2.3	localDistinguishedName	–		c:o.111		
	3.6	additionalText	{ dmi-att 7 }		o		
	3.7	additionalInformation	{ dmi-att 6 }		o		
4	4.1	sourceIndicator	{ dmi-att 26 }		o		
	4.2	attributeIdentifierList	{ dmi-att 8 }		o		
	4.3	stateChangeDefinition	{ dmi-att 28 }		m		
	4.3.1	attributeID	–		m		
	4.3.2	oldAttributeValue	–		o		
	4.3.3	newAttributeValue	–		m		
	4.4	notificationIdentifier	{ dmi-att 16 }		c458		
	4.5	correlatedNotifications	{ dmi-att 12 }		o		
	4.5.1	correlatedNotification	–		c:m		
	4.5.2	sourceObjectInst	–		c:o		
	4.5.2.1	distinguishedName	–		c:o.112		
	4.5.2.2	nonSpecificForm	–		c:o.112		
	4.5.2.3	localDistinguishedName	–		c:o.112		
	4.6	additionalText	{ dmi-att 7 }		o		
	4.7	additionalInformation	{ dmi-att 6 }		o		
5	5.1	probableCause	{ dmi-att 18 }		m		
	5.2	specificProblems	{ dmi-att 27 }		o		
	5.3	perceivedSeverity	{ dmi-att 17 }		o		
	5.4	backedUpStatus	{ dmi-att 11 }		o		
	5.5	backUpObject	{ dmi-att 40 }		o		
	5.6	trendIndication	{ dmi-att 30 }		o		
	5.7	thresholdInfo	{ dmi-att 29 }		o		
	5.8	notificationIdentifier	{ dmi-att 16 }		c459		
	5.9	correlatedNotifications	{ dmi-att 12 }		o		
	5.9.1	correlatedNotification	–		c:m		
	5.9.2	sourceObjectInst	–		c:o.113		
	5.9.2.1	distinguishedName	–		c:o.113		
	5.9.2.2	nonSpecificForm	–		c:o.113		
	5.9.2.3	localDistinguishedName	–		c:o.113		
	5.10	stateChangeDefinition	{ dmi-att 28 }		o		
	5.11	monitoredAttributes	{ dmi-att 15 }		o		

Superseded by a more recent version

Table G.144/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
5	5.12	proposedRepairActions	{dmi-att 19}		o		
	5.13	additionalText	{dmi-att 7}		o		
	5.14	additionalInformation	{dmi-att 6}		o		
6	6.1	probableCause	{dmi-att 18}		m		
	6.2	specificProblems	{dmi-att 27}		o		
	6.3	perceivedSeverity	{dmi-att 17}		o		
	6.4	backedUpStatus	{dmi-att 11}		o		
	6.5	backUpObject	{dmi-att 40}		o		
	6.6	trendIndication	{dmi-att 30}		o		
	6.7	thresholdInfo	{dmi-att 29}		o		
	6.8	notificationIdentifier	{dmi-att 16}		c460		
	6.9	correlatedNotifications	{dmi-att 12}		o		
	6.9.1	correlatedNotification	–		c:m		
	6.9.2	sourceObjectInst	–		c:o.114		
	6.9.2.1	distinguishedName	–		c:o.114		
	6.9.2.2	nonSpecificForm	–		c:o.114		
	6.9.2.3	localDistinguishedName	–		c:o.114		
	6.10	stateChangeDefinition	{dmi-att 28}		o		
	6.11	monitoredAttributes	{dmi-att 15}		o		
	6.12	proposedRepairActions	{dmi-att 19}		o		
	6.13	additionalText	{dmi-att 7}		o		
	6.14	additionalInformation	{dmi-att 6}		o		
7	7.1	probableCause	{dmi-att 18}		m		
	7.2	specificProblems	{dmi-att 27}		o		
	7.3	perceivedSeverity	{dmi-att 17}		o		
	7.4	backedUpStatus	{dmi-att 11}		o		
	7.5	backUpObject	{dmi-att 40}		o		
	7.6	trendIndication	{dmi-att 30}		o		
	7.7	thresholdInfo	{dmi-att 29}		o		
	7.8	notificationIdentifier	{dmi-att 16}		c461		
	7.9	correlatedNotifications	{dmi-att 12}		o		
	7.9.1	correlatedNotification	–		c:m		
	7.9.2	sourceObjectInst	–		c:o.115		
	7.9.2.1	distinguishedName	–		c:o.115		
	7.9.2.2	nonSpecificForm	–		c:o.115		
	7.9.2.3	localDistinguishedName	–		c:o.115		
	7.10	stateChangeDefinition	{dmi-att 28}		o		
	7.11	monitoredAttributes	{dmi-att 15}		o		
	7.12	proposedRepairActions	{dmi-att 19}		o		
	7.13	additionalText	{dmi-att 7}		o		
	7.14	additionalInformation	{dmi-att 6}		o		
8	8.1	probableCause	{dmi-att 18}		m		
	8.2	specificProblems	{dmi-att 27}		o		
	8.3	perceivedSeverity	{dmi-att 17}		o		
	8.4	backedUpStatus	{dmi-att 11}		o		
	8.5	backUpObject	{dmi-att 40}		o		
	8.6	trendIndication	{dmi-att 30}		o		
	8.7	thresholdInfo	{dmi-att 29}		o		
	8.8	notificationIdentifier	{dmi-att 16}		c462		
	8.9	correlatedNotifications	{dmi-att 12}		o		
	8.9.1	correlatedNotification	–		c:m		
	8.9.2	sourceObjectInst	–		c:o.116		
	8.9.2.1	distinguishedName	–		c:o.116		
	8.9.2.2	nonSpecificForm	–		c:o.116		

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Table G.144/X.162 – Notification support (concluded)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
8	8.9.2.3	localDistinguishedName	–		c.o.116		
	8.10	stateChangeDefinition	{dmi-att 28}		o		
	8.11	monitoredAttributes	{dmi-att 15}		o		
	8.12	proposedRepairActions	{dmi-att 19}		o		
	8.13	additionalText	{dmi-att 7}		o		
	8.14	additionalInformation	{dmi-att 6}		o		
c448: if G.142/5a then m else –. c449: if G.142/6a then m else –. c450: if G.142/7a then m else –. c451: if G.142/12a then m else –. c452: if G.142/13a then m else –. c453: if G.142/10a then m else –. c454: if G.142/11a then m else –. c455: if G.144/1.4a then m else o. c456: if G.144/2.5a then m else o. c457: if G.144/3.5a then m else o. c458: if G.144/4.5a then m else o. c459: if G.144/5.9a then m else o. c460: if G.144/6.9a then m else o. c461: if G.144/7.9a then m else o. c462: if G.144/8.9a then m else o.							

G.31.5 Parameters

Table G.145/X.162 – Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and Values	Status	Support	Additional information
1	logRecordIdParameter	{q821Parameter 1}		c463		
2	correlatedRecordNameParameter	{q821Parameter 2}		c463		
3	suspectObjectListParameter	{q821Parameter 3}		c463		
c463: if G.142/12a then m else –.						

G.32 managedElement

G.32.1 Statement of conformance to the managed object class

Table G.146/X.162 – Managed object class support

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

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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 table below.

Table G.147/X.162 – Actual class support

Index	Managed object class template label for actual class	Value of object identifier for actual class	Additional information

G.32.2 Packages

Table G.148/X.162 – Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	topPackage	–		m		
2	packagesPackage	{dmi-pkg 16}		c464		
3	allomorphicPackage	{dmi-pkg 17}		c465		
4	managedElementPackage	–		m		
5	createDeleteNotificationsPackage	{m3100Package 10}		o		
6	attributeValueChangeNotification sPackage	{m3100Package 4}		o		
7	audibleVisualLocalAlarmPackage	{m3100Package 5}		o		
8	resetAudibleAlarmPackage	{m3100Package 23}		o		
9	userLabelPackage	{m3100Package 32}		o		
10	vendorNamePackage	{m3100Package 33}		o		
11	versionPackage	{m3100Package 34}		o		
12	locationNamePackage	{m3100Package 17}		o		
13	currentProblemListPackage	{m3100Package 13}		o		
14	externalTimePackage	{m3100Package 16}		o		
15	systemTimingSourcePackage	{m3100Package 29}		o		
c464: if G.148/3a or any of (G.148/5a through G.148/15a) then m else –.						
c465: if G.146/1b then – else m.						

G.32.3 Attributes

Table G.149/X.162 – 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
1	objectClass	{dmi-att 65}		–		m		–	
2	nameBinding	{dmi-att 63}		–		m		–	
3	packages	{dmi-att 66}		–		c466		–	
4	allomorphs	{dmi-att 50}		–		c467		–	
5	managedElementId	{m3100Attribute}		–		m		–	
6	systemTitle	{dmi-att 5}		m		m		m	

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Table G.149/X.162 – Attribute support (continued)

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by Create		Get		Replace	
				Status	Support	Status	Support	Status	Support
7	alarmStatus	{m3100Attribute 6}		–		m		–	
8	administrativeState	{dmi-att 31}		m		m		m	
9	operationalState	{dmi-att 35}		–		m		–	
10	usageState	{dmi-att 39}		–		m		–	
11	userLabel	{m3100Attribute 50}		c468		c468		c468	
12	vendorName	{m3100Attribute 51}		c469		c469		c469	
13	version	{m3100Attribute 52}		c470		c470		c470	
14	locationName	{m3100Attribute 27}		c471		c471		c471	
15	currentProblemList	{m3100Attribute 17}		–		c472		–	
16	externalTime	{m3100Attribute 21}		c473		c473		c473	
17	systemTimingSource	{m3100Attribute 41}		c474		c474		c474	

Table G.149/X.162 – Attribute support (concluded)

Index	Add		Remove		Set To Default		Additional information
	Status	Support	Status	Support	Status	Support	
1	–		–		–		
2	–		–		–		
3	–		–		–		
4	–		–		–		
5	–		–		–		
6	–		–		–		
7	–		–		–		
8	–		–		–		
9	–		–		–		
10	–		–		–		
11	–		–		–		
12	–		–		–		
13	–		–		–		
14	–		–		–		
15	–		–		–		
16	–		–		–		
17	–		–		–		
c466: if G.148/2a then m else –. c467: if G.148/3a then m else –. c468: if G.148/9a then m else –. c469: if G.148/10a then m else –. c470: if G.148/11a then m else –. c471: if G.148/12a then m else –. c472: if G.148/13a then m else –. c473: if G.148/14a then m else –. c474: if G.148/15a then m else –.							

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G.32.4 Notifications

Table G.150/X.162 – Notification support

Index	Notification type template label	Value of object identifier for notification	Constraints and values	Status	Support		Additional information
					Confirmed	Non-Confirmed	
1	objectCreation	{ dmi-not 6 }		c475			
2	objectDeletion	{ dmi-not 7 }		c475			
3	attributeValueChange	{ dmi-not 1 }		c476			

Table G.150/X.162 – Notification support (continued)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
1	1.1	sourceIndicator	{ dmi-att 26 }		o		
	1.2	attributeList	{ dmi-att 9 }		o		
	1.3	notificationIdentifier	{ dmi-att 16 }		c477		
	1.4	correlatedNotifications	{ dmi-att 12 }		o		
	1.4.1	correlatedNotification	–		c:m		
	1.4.2	sourceObjectInst	–		c:o		
	1.4.2.1	distinguishedName	–		c:o.117		
	1.4.2.2	nonSpecificForm	–		c:o.117		
	1.4.2.3	localDistinguishedName	–		c:o.117		
	1.5	additionalText	{ dmi-att 7 }		o		
	1.6	additionalInformation	{ dmi-att 6 }		o		
2	2.1	sourceIndicator	{ dmi-att 26 }		o		
	2.2	attributeList	{ dmi-att 9 }		o		
	2.3	notificationIdentifier	{ dmi-att 16 }		c478		
	2.4	correlatedNotifications	{ dmi-att 12 }		o		
	2.4.1	correlatedNotification	–		c:m		
	2.4.2	sourceObjectInst	–		c:o		
	2.4.2.1	distinguishedName	–		c:o.118		
	2.4.2.2	nonSpecificForm	–		c:o.118		
	2.4.2.3	localDistinguishedName	–		c:o.118		
	2.5	additionalText	{ dmi-att 7 }		o		
	2.6	additionalInformation	{ dmi-att 6 }		o		
3	3.1	sourceIndicator	{ dmi-att 26 }		o		
	3.2	attributeIdentifierList	{ dmi-att 8 }		o		
	3.3	attributeValueChangeDefinition	{ dmi-att 10 }		m		
	3.3.1	attributeId	–		m		
	3.3.2	oldAttributeValue	–		o		
	3.3.3	newAttributeValue	–		m		
	3.4	notificationIdentifier	{ dmi-att 16 }		c479		
	3.5	correlatedNotifications	{ dmi-att 12 }		o		
	3.5.1	correlatedNotification	–		c:m		
	3.5.2	sourceObjectInst	–		c:o		
	3.5.2.1	distinguishedName	–		c:o.119		
	3.5.2.2	nonSpecificForm	–		c:o.119		
	3.5.2.3	localDistinguishedName	–		c:o.119		

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Table G.150/X.162 – Notification support (*concluded*)

Index	Subindex	Notification field name label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Additional information
3	3.6	additionalText	{dmi-att 7}		o		
	3.7	additionalInformation	{dmi-att 6}		o		
c475: if G.148/5a then m else –. c476: if G.148/6a then m else –. c477: if G.150/1.4a then m else o. c478: if G.150/2.5a then m else o. c479: if G.150/3.5a then m else o.							

G.32.5 Actions

Table G.151/X.162 – Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information
1	allowAudibleVisualLocalAlarm	{m3100Action 3}		c480		
2	inhibitAudibleVisualLocalAlarm	{m3100Action 6}		c480		
3	resetAudibleAlarm	{q821Action 2}		c481		

Table G.151/X.162 – Action support (*concluded*)

Index	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	–	–	–	–		
2	–	–	–	–		
3	–	–	–	–		
c480: if G.148/7a then m else –. c481: if G.148/8a then m else –.						

Annex H⁴⁾

MRCS proforma for name binding

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

H.1 Introduction

The purpose of this MRCS proforma for name bindings is to provide a mechanism for a supplier which claims conformance to a name binding to provide conformance information in a standard form.

H.2 Instructions for completing the MRCS proforma for name binding to produce a MRCS

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

⁴⁾ Copyright release for MRCS proforma

Users of this Recommendation may freely reproduce the MRCS proforma in this annex so that it can be used for its intended purpose, and may further publish the completed MRCS. Instructions for completing the MRCS proforma are specified in ITU-T Rec. X.724 | ISO/IEC 10165-6.

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H.3 Symbols, abbreviations and terms

The following abbreviations are used throughout the MRCS proforma:

x790NameBinding	itu-t(0) recommendation(0) x(24) x790(790) informationModel(0) nameBinding(6)
m3100NameBinding	ccitt recommendation m gnm(3100) informationModel(0) nameBinding(6)
umf-nb	joint-iso-ccitt ms(9) function(2) part10(10) nameBinding(6)
cnmParameter	itu-t(0) recommendation(0) x(24) 162 cnmParameter(5)
cnmNameBinding	itu-t(0) recommendation(0) x(24) 162 cnmNameBinding(6)

H.4 Statement of conformance

Table H.1/X.162 – Name binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information
1	network-network	{m3100NameBinding 17}		m		
2	cnmX25Entity-network-NB	{cnmNameBinding 2}		c1		
3	x25TerminationPoint-network-NB	{cnmNameBinding 3}		c2		
4	equipment-x25TerminationPoint-NB	{cnmNameBinding 4}		c3		
5	managedElement-network	{m3100NameBinding 16}		c4		
6	eventForwardingDiscriminator-managedElement-NB	{cnmNameBinding 6}		c5		
7	pdnFaultLogRecord-managedElement-NB	{cnmNameBinding 29}		c6		
8	pdnTelecommunicationsTroubleReport-network-NB	{cnmNameBinding 7}		c7		
9	providerTroubleReport-network	{x790NameBinding 19}		c8		
10	troubleReportFormatDefinition-network	{x790NameBinding 17}		c9		
11	repairActivity-pdnTelecommunicationTroubleReport-NB	{cnmNameBinding 8}		c10		
12	pdnTroubleHistoryRecord-log-NB	{cnmNameBinding 9}		c11		
13	contact-network	{x790NameBinding 4}		c12		
14	log-managedElement-NB	{cnmNameBinding 11}		c13		
15	cnmLoopbackpoint-network-NB	{cnmNameBinding 30}		c14		
16	cnmX25EntityTested-network-NB	{cnmNameBinding 31}		c15		
17	loopbackTest-managedElement-NB	{cnmNameBinding 32}		c16		
18	protocolIntegrityTest-managedElement-NB	{cnmNameBinding 33}		c17		
19	x25PhysicalConnection-x25TerminationPoint-NB	{cnmNameBinding 34}		c18		
20	x25ServiceProfile-network-NB	{cnmNameBinding 12}		c19		
21	mlpProfile-x25ServiceProfile-NB	{cnmNameBinding 13}		c20		
22	slpProfile-x25ServiceProfile-NB	{cnmNameBinding 14}		c21		
23	x25PvcProfile-x25ServiceProfile-NB	{cnmNameBinding 15}		c22		
24	cugProfile-network-NB	{cnmNameBinding 16}		c23		
25	hgProfile-network-NB	{cnmNameBinding 17}		c24		
26	customer-network-NB	{cnmNameBinding 18}		c25		
27	cnmUser-customer-NB	{cnmNameBinding 19}		c26		
28	location-network-NB	{cnmNameBinding 20}		c27		

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Table H.1/X.162 – Name binding support (continued)

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information
29	redirectionList-cnmx25Entity-NB	{cnmNameBinding 35}		c28		
30	cnmBillingController-managedElement-NB	{cnmNameBinding 28}		c29		
31	usageMeteringRecord-log	{umf-nb }		c30		
32	currentPacketTrafficData-cnmx25Entity-NB	{cnmNameBinding 21}		c31		
33	historyPacketTrafficData-currentPacketTrafficData-NB	{cnmNameBinding 22}		c32		
34	mlpMonitoredPoint-cnmx25Entity-NB	{cnmNameBinding 23}		c33		
35	currentMlpTrafficData-mlpMonitoredPoint-NB	{cnmNameBinding 24}		c34		
36	historyMlpTrafficData-currentMlpTrafficData-NB	{cnmNameBinding 25}		c35		
37	currentSlpTrafficData-cnmx25Entity-NB	{cnmNameBinding 26}		c36		
38	historySlpTrafficData-currentSlpTrafficData-NB	{cnmNameBinding 27}		c37		
39	serviceRequest-managedElement	{cnmNameBinding 28}		c38		

Table H.1/X.162 – Name binding support (continued)

Index	Subindex	Operation	Constraints and values	Status	Support	
1	–	–		–		
2	–	–		–		
3	–	–		–		
4	–	–		–		
5	–	–		–		
6	–	–		–		
7	–	–		–		
8	–	–		–		
9	–	–		–		
10	–	–		–		
11	–	–		–		
12	–	–		–		
13	–	–		–		
14	–	–		–		
15	–	–		–		
16	–	–		–		
17	–	–		–		
18	–	–		–		
19	–	–		–		
20	–	–		–		
21	–	–		–		
22	–	–		–		
23	–	–		–		
24	–	–		–		
25	–	–		–		
26	–	–		–		

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Table H.1/X.162 – Name binding support (continued)

Index	Subindex	Operation	Constraints and values	Status	Support	
27	–	–		–		
28	–	–		–		
29	–	–		–		
30	30.1	Create support		c:m		
	30.1.1	Create with reference object		–		
	30.1.2	Create with automatic instance naming		–		
	30.2	Delete support		c:m		
	30.2.1	Delete only if no contained objects		–		
	30.2.2	Delete contained objects		–		
31	–	–		–		
32	32.1	Create support		c:m		
	32.1.1	Create with reference object		–		
	32.1.2	Create with automatic instance naming		–		
	32.2	Delete support		c:m		
	32.2.1	Delete only if no contained objects		–		
	32.2.2	Delete contained objects		–		
33	33.1	Create support		c:m		
	33.1.1	Create with reference object		–		
	33.1.2	Create with automatic instance naming		–		
	33.2	Delete support		c:m		
	33.2.1	Delete only if no contained objects		–		
	33.2.2	Delete contained objects		–		
34	–	–		–		
35	35.1	Create support		c:m		
	35.1.1	Create with reference object		–		
	35.1.2	Create with automatic instance naming		–		
	35.2	Delete support		c:m		
	35.2.1	Delete only if no contained objects		–		
	35.2.2	Delete contained objects		–		
36	36.1	Create support		c:m		
	36.1.1	Create with reference object		–		
	36.1.2	Create with automatic instance naming		–		
	36.2	Delete support		c:m		
	36.2.1	Delete only if no contained objects		–		
	36.2.2	Delete contained objects		–		
37	37.1	Create support		c:m		
	37.1.1	Create with reference object		–		
	37.1.2	Create with automatic instance naming		–		
	37.2	Delete support		c:m		
	37.2.1	Delete only if no contained objects		–		
	37.2.2	Delete contained objects		–		
38	38.1	Create support		c:m		
	38.1.1	Create with reference object		–		
	38.1.2	Create with automatic instance naming		–		

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Table H.1/X.162 – Name binding support (concluded)

Index	Subindex	Operation	Constraints and values	Status	Support	
38	38 .2	Delete support		c:m		
	38.2.1	Delete only if no contained objects		–		
	38.2.2	Delete contained objects		–		
39	39.1	Create support		c:m		
	39.1.1	Create with reference object		c:m		
	39.1.2	Create with automatic instance naming		c:m		
	39 .2	Delete support		c:m		
	39.2.1	Delete only if no contained objects		–		
	39.2.2	Delete contained objects		–		
c1: if E.7/5c then m else –. c2: if E.7/6c then m else –. c3: if E.7/2c and E.7/6c then m else –. c4: if E.7/3c then m else –. c5: if E.7/3c and E.7/4c then m else –. c6: if E.7/3c and E.7/8c then m else –. c7: if E.7/9c then m else –. c8: if E.7/10/c then m else –. c9: if E.7/11c then m else –. c10: if E.7/9c and E.7/13c then m else –. c11: if E.7/7c and E.7/14c then m else –. c12: if E.7/12c then m else –. c13: if E.7/3c and E.7/7c then m else –. c14: if E.7/15c then m else –. c15: if E.7/18c then m else –. c16: if E.7/3c and E.7/16c then m else –. c17: if E.7/3c and E.7/19c then m else –. c18: if E.7/6c and E.7/17c then m else –. c19: if E.7/20c then m else –. c20: if E.7/20c and E.7/21c then m else –. c21: if E.7/20c and E.7/22c then m else –. c22: if E.7/20c and E.7/23c then m else –. c23: if E.7/24c then m else –. c24: if E.7/25c then m else –. c25: if E.7/27c then m else –. c26: if E.7/26c then m else –. c27: if E.7/28c then m else –. c28: if E.7/5c and E.7/29c then m else –. c29: if E.7/3c and E.7/30c then m else –. c30: if E.7/31c then m else –. c31: if E.7/5c and E.7/32 then m else –. c32: if E.7/32c and E.7/33c then m else –. c33: if E.7/5c and E.7/34c then m else –. c34: if E.7/34c and E.7/35c then m else –. c35: if E.7/35c and E.7/36c then m else –. c36: if E.7/5c and E.7/37c then m else –. c37: if E.7/37c and E.7/38c then m else –. c38: if E.7/3c and E.7/39c then m else –.						

Table H.2/X.162 – Parameter support

Index	Parameter template label	Value of parameter identifier	Constraints and values	Status	Support	Additional information
1	sRChangeDenied	{cnmParameter 1}		c39		
c39: if H.1/39a then m else –.						

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