



EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 376-2

November 1995

Source: ETSI TC-SPS

Reference: DE/SPS-03013.3

ICS: 35.100.70

Key words: TMN, information model, Q3 interface, AN, V5 interface, configuration, management, MOCS

**Signalling Protocols and Switching (SPS);
Q3 interface at the Access Network (AN)
for configuration management of V5 interfaces and
associated user ports;
Part 2: Managed Object Conformance Statement (MOCS)
proforma specification**

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS is part 2 of a multi-part standard as described below:

Part 1: "Q3 interface specification at the Access Network (AN) for configuration management of V5 interfaces and associated user ports";

Part 2: "Managed Object Conformance Statement (MOCS) proforma specification".

The following standards are directly related to this ETS:

ETS 300 377: "Q3 interface at the Local Exchange (LE) for configuration management of V5 interfaces and associated customer profiles";

ETS 300 378: "Q3 interface at the Access Network (AN) for fault and performance management of V5 interfaces and associated user ports";

ETS 300 379: "Q3 interface at the Local Exchange (LE) for fault and performance management of V5 interfaces and associated customer profiles".

Transposition dates	
Date of adoption of this ETS:	17 November 1995
Date of latest announcement of this ETS (doa):	28 February 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 August 1996
Date of withdrawal of any conflicting National Standard (dow):	31 August 1996

Introduction

The purpose of this Managed Object Conformance Statement (MOCS) proforma is to provide a mechanism for a supplier of an implementation of a recommendation/standard which claims conformance to a managed object class to provide conformance information, including management information, in a standard form.

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1 Scope

This second part of ETS 300 376 provides the Managed Object Conformance Statement (MOCS) proforma for the base standard ETS 300 376-1 [1]. It identifies the mandatory, conditional and optional elements of the information model specified in ETS 300 376-1 [1].

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 376-1 (1994): "Signalling Protocols and Switching (SPS); Q3 interface at the Access Network (AN) for configuration management of V5 interfaces and associated user ports; Part 1: Q3 interface specification".
- [2] ETS 300 324-2 (1994): "Signalling Protocols and Switching (SPS); V interfaces at the digital Local Exchange (LE); V5.1 interface for the support of Access Network (AN); Part 2: Protocol Implementation Conformance Statements (PICS) proforma".
- [3] ETS 300 347-2 (1994): "Signalling Protocols and Switching (SPS); V interfaces at the digital Local Exchange (LE); V5.2 interface for the support of Access Network (AN); Part 2: Protocol Implementation Conformance Statements (PICS) proforma".
- [4] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of this ETS, the following definitions apply:

configuration management: Each object class contains packages supporting creation, deletion and modification of instances of that object class. This is referred to as configuration management. In some cases, these packages are conditional.

fault management: Some object classes contain packages, in addition to those specified for configuration management, supporting fault reporting, logging, etc. This is referred to as fault management. Typically, these packages are conditional.

performance management: Some object classes contain packages, in addition to those specified for configuration management, supporting traffic measurements, reports when thresholds are exceeded, etc. This is referred to as performance management. Typically, these packages are conditional.

3.2 Symbols

The following common notation is used for the tables in this ETS:

- a first part of a table row
- b second part of a table row
- c third part of a table row

The following common notation, defined in ISO/IEC 9646-7 [4], is used for the "Status" column:

c	conditional
m	mandatory
o	optional
x	prohibited
-	not applicable

The following common notation, defined in ISO/IEC 9646-7 [4], is used for the "Support" column:

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

The following symbolic abbreviations are used throughout the proforma tables:

v5Q(AN)-nb	ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) nameBinding(6)
v5Q(AN)-pkg	ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) package(4)
v5Q(AN)-att	ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) attribute(7)
v5Q(AN)-act	ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) action(9)
v5Q(AN)-not	ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) notification(10)
v5Q(LE)-nb	ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) nameBinding(6)
v5Q(LE)-pkg	ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) package(4)
v5Q(LE)-att	ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) attribute(7)
v5Q(LE)-act	ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) action(9)
v5Q(LE)-not	ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) notification(10)
admin-nb	ccitt(0) identified-organization(4) etsi(0) oca(291) informationModel(0) nameBinding(6)
admin-pkg	ccitt(0) identified-organization(4) etsi(0) oca(291) informationModel(0) package(4)
admin-att	ccitt(0) identified-organization(4) etsi(0) oca(291) informationModel(0) attribute(7)
smi2-pkg	joint-iso-ccitt ms(9) smi(3) part2(2) packages(4)
smi2-att	joint-iso-ccitt ms(9) smi(3) part2(2) attribute(7)
smi2-not	joint-iso-ccitt ms(9) smi(3) part2(2) notification(10)
m3100-pkg	ccitt recommendation m gnm(3100) informationModel(0) package(4)
m3100-att	ccitt recommendation m gnm(3100) informationModel(0) attribute(7)

3.3 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

AN	Access Network
LE	Local Exchange
MOCS	Managed Object Conformance Statement
TMN	Telecommunication Management Network

4 Statements of conformance

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4.1 Statement of conformance to managed object class v5Interface

Table 1: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
1.1	v5Interface	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 1}	m	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 2.

Table 2: Feature support

Index	Sub-Index		Support
2.1	2.1.1	Is configuration management supported?	
	2.1.2	Are all mandatory features for configuration management supported?	
2.2	2.2.1	Is fault management supported?	
	2.2.2	Are all mandatory features for fault management supported?	

4.1.1 Name bindings

The name binding of this object class depends on the architecture of the AN and is outside the scope of this ETS.

4.1.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 3.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 3: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
3.1	peerManagedElementPackage	{v5Q(LE)-pkg 5}	o	
3.2	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
3.3	relationshipChangeNotificationPackage	{v5Q(LE)-pkg 6}	o	
3.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
3.5	operationalStatePackage	{m3100-pkg 19}	o	
3.6	v5availabilityStatusPackage	{smi2-pkg 22}	o	
3.7	userLabelPackage	{m3100-pkg 32}	o	
3.8	locationNamePackage	{m3100-pkg 17}	o	
3.9	objectManagementNotificationsPackage	{m3100-pkg 20}	o	
3.10	stateChangeNotificationsPackage	{m3100-pkg 28}	o	
3.11	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c2	
3.12	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c2	
3.13	packagesPackage	{smi2-pkg 16}	m	
3.14	allomorphicPackage	{smi2-pkg 17}	o	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 2.2.1 then m else -.				

4.1.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 4. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 4: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support	
4.1a	v5Interfaceld	{v5Q(LE)-att 34}	m		
4.2a	peerManagedElementld	{v5Q(LE)-att 25}	c1		
4.3a	supportedProtocolVersion	{v5Q(LE)-att 31}	m		
4.4a	serverV5Ttps	{v5Q(LE)-att 30}	m		
4.5a	clientUserPorts	{v5Q(LE)-att 14}	m		
4.6a	operationalState	{smi2-att 35}	c2		
4.7a	availabilityStatus	{smi2-att 33}	c3		
4.8a	supportedByObjectList	{m3100-att 40}	c4		
4.9a	userLabel	{m3100-att 50}	c5		
4.10a	locationName	{m3100-att 27}	c6		
4.11a	objectClass	{smi2-att 65}	m		
4.12a	nameBinding	{smi2-att 63}	m		
4.13a	packages	{smi2-att 66}	m		
4.14a	allomorphs	{smi2-att 50}	c7		
c1: if 3.1 then m else -.		c4: if 3.2 then m else -.		c7: if 3.14 then m else -.	
c2: if 3.5 then m else -.		c5: if 3.7 then m else -.			
c3: if 3.6 then m else -.		c6: if 3.8 then m else -.			

Table 4 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
4.1b	o	m	x	x	x	x
4.2b	m	m	m	x	x	x
4.3b	m	m	x	x	x	x
4.4b	x	m	x	x	x	x
4.5b	x	m	x	x	x	x
4.6b	x	m	x	x	x	x
4.7b	x	m	x	x	x	x
4.8b	m	m	x	x	x	x
4.9b	m	m	m	x	x	x
4.10b	m	m	m	x	x	x
4.11b	m	m	x	x	x	x
4.12b	m	m	x	x	x	x
4.13b	m	m	x	x	x	x
4.14b	m	m	x	x	x	x

Table 4 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
4.1c							
4.2c							
4.3c							
4.4c							
4.5c							
4.6c							
4.7c							
4.8c							
4.9c							
4.10c							
4.11c							
4.12c							
4.13c							
4.14c							

4.1.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.1.5 Actions

The supplier of the implementation shall state whether or not the actions specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 5. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 5: Action support

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
5.1	setReciprocalPointer	{v5Q(LE)-act 1}	m		
5.2	releaseReciprocalPointer	{v5Q(LE)-act 2}	m		
5.3	restart	{v5Q(LE)-act 14}	m		
5.4	systemStartup	{v5Q(LE)-act 16}	m		

4.1.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 6. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 6: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
6.1a	objectCreation	{smi2-not 6}	c1			
6.2a	objectDeletion	{smi2-not 7}	c1			
6.3a	attributeValueChange	{smi2-not 1}	c1			
6.4a	stateChange	{smi2-not 14}	c2			
6.5a	relationshipChange	{smi2-not 12}	c3			
6.6a	restartResult	{v5Q(LE)-not 11}	m			
6.7a	systemStartupResult	{v5Q(LE)-not 12}	m			
c1: if 3.9 then m else -. c2: if 3.10 then m else -. c3: if 3.3 then m else -.						

Table 6 (continued): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
6.1b	6.1.1	sourceIndicator	{smi2-att 26}	o		
	6.1.2	attributeList	{smi2-att 9}	o		
	6.1.3	notificationIdentifier	{smi2-att 16}	o		
	6.1.4	correlatedNotifications	{smi2-att 12}	o		
	6.1.5	additionalText	{smi2-att 7}	o		
	6.1.6	additionalInformation	{smi2-att 6}	o		
6.2b	6.2.1	sourceIndicator	{smi2-att 26}	o		
	6.2.2	attributeList	{smi2-att 9}	o		
	6.2.3	notificationIdentifier	{smi2-att 16}	o		
	6.2.4	correlatedNotifications	{smi2-att 12}	o		
	6.2.5	additionalText	{smi2-att 7}	o		
	6.2.6	additionalInformation	{smi2-att 6}	o		

(continued)

Table 6 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
6.3b	6.3.1	sourceIndicator	{smi2-att 26}	o		
	6.3.2	attributeIdentifierList	{smi2-att 8}	o		
	6.3.3	AttributeValueChange Definition	{smi2-att 10}	m		
	6.3.4	notificationIdentifier	{smi2-att 16}	o		
	6.3.5	correlatedNotifications	{smi2-att 12}	o		
	6.3.6	additionalText	{smi2-att 7}	o		
	6.3.7	additionalInformation	{smi2-att 6}	o		
6.4b	6.4.1	sourceIndicator	{smi2-att 26}	o		
	6.4.2	attributeIdentifierList	{smi2-att 8}	o		
	6.4.3	stateChangeDefinition	{smi2-att 28}	m		
	6.4.4	notificationIdentifier	{smi2-att 16}	o		
	6.4.5	correlatedNotifications	{smi2-att 12}	o		
	6.4.6	additionalText	{smi2-att 7}	o		
	6.4.7	additionalInformation	{smi2-att 6}	o		
6.5b	6.5.1	sourceIndicator	{smi2-att 26}	o		
	6.5.2	attributeIdentifierList	{smi2-att 8}	o		
	6.5.3	relationshipChange Definition	{smi2-att 20}	m		
	6.5.4	notificationIdentifier	{smi2-att 16}	o		
	6.5.5	correlatedNotifications	{smi2-att 12}	o		
	6.5.6	additionalText	{smi2-att 7}	o		
	6.5.7	additionalInformation	{smi2-att 6}	o		

4.1.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.2 Statement of conformance to managed object class v5Ttp

Table 7: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
7.1	v5Ttp	{ccitt(0) identified-organization(4) etsi(0) v5ConfigurationLeManagement(377) informationModel(0) managedObjectClass(3) 2}	m	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 8.

Table 8: Feature support

Index	Sub-Index		Support
8.1	8.1.1	Is configuration management supported?	
	8.1.2	Are all mandatory features for configuration management supported?	
8.2	8.2.1	Is fault management supported?	
	8.2.2	Are all mandatory features for fault management supported?	

4.2.1 Name bindings

The name binding of this object class depends on the architecture of the AN and is outside the scope of this ETS.

4.2.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 9.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 9: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
9.1	neSpecificPointerPackage	{v5Q[LE]-pkg 4}	o	
9.2	v5AvailabilityStatusPackage	{v5Q[LE]-pkg 8}	o	
9.3	commonDeleteBehaviourPackage	{v5Q[LE]-pkg 2}	m	
9.4	operationalStatePackage	{m3100-pkg 19}	m	
9.5	administrativeStatePackage	{smi2-pkg 14}	m	
9.6	supportableClientListPackage	{m3100-pkg 27}	o	
9.7	ttpInstancePackage	{m3100-pkg 31}	m	
9.8	createDeleteNotificationPackage	{m3100-pkg 10}	m	
9.9	stateChangeNotificationPackage	{m3100-pkg 28}	o	
9.10	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
9.11	crossConnectionPointerPackage	{m3100-pkg 11}	c1	
9.12	characteristicInformationPackage	{m3100-pkg 7}	o	
9.13	networkLevelPackage	{m3100-pkg 18}	-	
9.14	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c2	
9.15	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c2	
9.16	packagesPackage	{smi2-pkg 16}	m	
9.17	allomorphicPackage	{smi2-pkg 17}	o	
c1: if the termination point can be flexibly assigned then m else -.				
c2: if 8.2.1 then m else -.				

4.2.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 10. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 10: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
10.1a	assocV5Interface	{v5Q[LE]-att 8}	m	
10.2a	linkId	{v5Q[LE]-att 21}	m	
10.3a	blockingStatus	{v5Q[LE]-att 13}	m	
10.4a	supportedByObjectList	{m3100-att 40}	m	
10.5a	neSpecificPointer	{v5Q[LE]-att 22}	c1	
10.6a	operationalState	{smi2-att 35}	m	
10.7a	availabilityStatus	{smi2-att 33}	c2	
10.8a	upstreamConnectivityPointer	{m3100-att 49}	m	
10.9a	administrativeState	{smi2-att 31}	m	
10.10a	supportableClientList	{smi2-att 39}	c3	
10.11a	tTPId	{m3100-att 48}	m	
10.12a	downstreamConnectivityPointer	{m3100-att 19}	m	
10.13a	crossConnectionObjectPointer	{m3100-att 16}	c4	
10.14a	characteristicInformation	{m3100-att 8}	c5	
10.15a	objectClass	{smi2-att 65}	m	
10.16a	nameBinding	{smi2-att 63}	m	
10.17a	packages	{smi2-att 66}	m	
10.18a	allomorphs	{smi2-att 50}	c6	
c1: if 9.1 then m else -.		c4: if 9.11 then m else -.		
c2: if 9.2 then m else -.		c5: if 9.12 then m else -.		
c3: if 9.6 then m else -.		c6: if 9.17 then m else -.		

Table 10 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
10.1b	x	m	x	x	x	x
10.2b	m	m	m	x	x	x
10.3b	m	m	x	x	x	x
10.4b	m	m	x	x	x	x
10.5b	m	m	x	x	x	x
10.6b	x	m	x	x	x	x
10.7b	x	m	x	x	x	x
10.8b	o	m	x	x	x	x
10.9b	m	m	m	x	x	x
10.10b	m	m	x	x	x	x
10.11b	o	m	x	x	x	x
10.12b	o	m	x	x	x	x
10.13b	m	m	x	x	x	x
10.14b	m	m	x	x	x	x
10.15b	m	m	x	x	x	x
10.16b	m	m	x	x	x	x
10.17b	m	m	x	x	x	x
10.18b	m	m	x	x	x	x

Table 10 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
10.1c							
10.2c							
10.3c							
10.4c							
10.5c							
10.6c							
10.7c							
10.8c							
10.9c							
10.10c							
10.11c							
10.12c							
10.13c							
10.14c							
10.15c							
10.16c							
10.17c							
10.18c							

4.2.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.2.5 Actions

The supplier of the implementation shall state whether or not the actions specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 11. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 11: Action support

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
11.1	checkLinkId	{v5Q(LE)-act 13}	c		
c:	if v5.2 then m else -.				

4.2.6 Notifications

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

Table 12: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
12.1a	objectCreation	{smi2-not 6}	m			
12.2a	objectDeletion	{smi2-not 7}	m			
12.3a	attributeValueChange	{smi2-not 1}	c1			
12.4a	stateChange	{smi2-not 14}	c2			
12.5a	shutdownRejected	{v5(LE)-not 5}	m			
12.6a	checkLinkIdResult	{v5(LE)-not 10}	c3			
c1: if 10.10 then m else -. c2: if 10.9 then m else -. c3: if v5.2 then m else -.						

Table 12 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
12.1b	12.1.1	sourceIndicator	{smi2-att 26}	o		
	12.1.2	attributeList	{smi2-att 9}	o		
	12.1.3	notificationIdentifier	{smi2-att 16}	o		
	12.1.4	correlatedNotifications	{smi2-att 12}	o		
	12.1.5	additionalText	{smi2-att 7}	o		
	12.1.6	additionalInformation	{smi2-att 6}	o		
12.2b	12.2.1	sourceIndicator	{smi2-att 26}	o		
	12.2.2	attributeList	{smi2-att 9}	o		
	12.2.3	notificationIdentifier	{smi2-att 16}	o		
	12.2.4	correlatedNotifications	{smi2-att 12}	o		
	12.2.5	additionalText	{smi2-att 7}	o		
	12.2.6	additionalInformation	{smi2-att 6}	o		
12.3b	12.3.1	sourceIndicator	{smi2-att 26}	o		
	12.3.2	attributeIdentifierList	{smi2-att 8}	o		
	12.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	12.3.4	notificationIdentifier	{smi2-att 16}	o		
	12.3.5	correlatedNotifications	{smi2-att 12}	o		
	12.3.6	additionalText	{smi2-att 7}	o		
	12.3.7	additionalInformation	{smi2-att 6}	o		
12.4b	12.4.1	sourceIndicator	{smi2-att 26}	o		
	12.4.2	attributeIdentifierList	{smi2-att 8}	o		
	12.4.3	stateChangeDefinition	{smi2-att 28}	m		
	12.4.4	notificationIdentifier	{smi2-att 16}	o		
	12.4.5	correlatedNotifications	{smi2-att 12}	o		
	12.4.6	additionalText	{smi2-att 7}	o		
	12.4.7	additionalInformation	{smi2-att 6}	o		

4.2.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.3 Statement of conformance to managed object class v5TimeSlot

Table 13: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
13.1	v5TimeSlot	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 3}	m	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 14.

Table 14: Feature support

Index	Sub-Index		Support
14.1	14.1.1	Is configuration management supported?	
	14.1.2	Are all mandatory features for configuration management supported?	
14.2	14.2.1	Is fault management supported?	
	14.2.2	Are all mandatory features for fault management supported?	

4.3.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 15.

Table 15: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
15.1a	v5TimeSlot - v5Ttp	{v5Q(LE)-nb 3}	v5Ttp	m	

Table 15 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
15.1b	c	c			
c: if 14.1.1 then m else -.					

4.3.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 16.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 16: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
16.1	operationalStatePackage	{m3100-pkg 19}	m	
16.2	ctpInstancePackage	{m3100-pkg 12}	m	
16.3	createDeleteNotificationsPackage	{m3100-pkg 10}	m	
16.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
16.5	v5TsAdministrativeStatePackage	{v5Q(LE)-pkg 11}	o	
16.6	tmnCommunicationsAlarmInformation Package	{m3100-pkg 30}	c1	
16.7	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c1	
16.8	channelNumberPackage	{m3100-pkg 6}	o	
16.9	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
16.10	stateChangeNotificationPackage	{m3100-pkg28}	o	
16.11	crossConnectionPointerPackage	{m3100-pkg 11}	c2	
16.12	characteristicInformationPackage	{m3100-pkg 7}	o	
16.13	networkLevelPackage	{m3100-pkg 18}	-	
16.14	packagesPackage	{smi2-pkg 16}	m	
16.15	allomorphicPackage	{smi2-pkg 17}	o	
c1: if 14.2.1 then m else -.				
c2: if the termination point can be flexibly assigned then m else -.				

4.3.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 17. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 17: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
17.1a	v5ChannelType	{v5Q(LE)-att 33}	m	
17.2a	assocResource	{v5Q(LE)-att 6}	m	
17.3a	operationalState	{smi2-att 35}	m	
17.4a	cTPIId	{m3100-att 13}	m	
17.5a	administrativeState	{smi2-att 31}	c1	
17.6a	downstreamConnectivityPointer	{m3100-att 19}	m	
17.7a	upstreamConnectivityPointer	{m3100-att 49}	m	
17.8a	supportedByObjectList	{m3100-att 40}	m	
17.9a	channelNumber	{m3100-att 7}	c2	
17.10a	crossConnectionObjectPointer	{m3100-att 16}	c3	
17.11a	characteristicInformation	{m3100-att 8}	c4	
17.12a	objectClass	{smi2-att 65}	m	
17.13a	nameBinding	{smi2-att 63}	m	
17.14a	packages	{smi2-att 66}	m	
17.15a	allomorphs	{smi2-att 50}	c5	
c1: if 16.5 then m else -.				
c2: if 16.8 then m else -.				
c3: if 16.11 then m else -.				
c4: if 16.12 then m else -.				
c5: if 16.15 then m else -.				

Table 17 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
17.1b	m	m	m	x	x	x
17.2b	x	m	x	x	x	x
17.3b	x	m	x	x	x	x
17.4b	o	m	x	x	x	x
17.5b	m	m	m	x	x	x
17.6b	o	m	x	x	x	x
17.7b	o	m	x	x	x	x
17.8b	m	m	x	x	x	x
17.9b	m	m	x	x	x	x
17.10b	m	m	x	x	x	x
17.11b	m	m	x	x	x	x
17.12b	m	m	x	x	x	x
17.13b	m	m	x	x	x	x
17.14b	m	m	x	x	x	x
17.15b	m	m	x	x	x	x

Table 17 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
17.1c							
17.2c							
17.3c							
17.4c							
17.5c							
17.6c							
17.7c							
17.8c							
17.9c							
17.10c							
17.11c							
17.12c							
17.13c							
17.14c							
17.15c							

4.3.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.3.5 Actions

There are no actions specified for this managed object class.

4.3.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 18. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 18: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
18.1a	objectCreation	{smi2-not 6}	m			
18.2a	objectDeletion	{smi2-not 7}	m			
18.3a	attributeValueChange	{smi2-not 1}	c1			
18.4a	stateChange	{smi2-not 14}	c2			
c1: if 16.9 then m else -.						
c2: if 16.10 then m else -.						

Table 18 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
18.1b	18.1.1	sourceIndicator	{smi2-att 26}	o		
	18.1.2	attributeList	{smi2-att 9}	o		
	18.1.3	notificationIdentifier	{smi2-att 16}	o		
	18.1.4	correlatedNotifications	{smi2-att 12}	o		
	18.1.5	additionalText	{smi2-att 7}	o		
	18.1.6	additionalInformation	{smi2-att 6}	o		
18.2b	18.2.1	sourceIndicator	{smi2-att 26}	o		
	18.2.2	attributeList	{smi2-att 9}	o		
	18.2.3	notificationIdentifier	{smi2-att 16}	o		
	18.2.4	correlatedNotifications	{smi2-att 12}	o		
	18.2.5	additionalText	{smi2-att 7}	o		
	18.2.6	additionalInformation	{smi2-att 6}	o		
18.3b	18.3.1	sourceIndicator	{smi2-att 26}	o		
	18.3.2	attributeIdentifierList	{smi2-att 8}	o		
	18.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	18.3.4	notificationIdentifier	{smi2-att 16}	o		
	18.3.5	correlatedNotifications	{smi2-att 12}	o		
	18.3.6	additionalText	{smi2-att 7}	o		
	18.3.7	additionalInformation	{smi2-att 6}	o		
18.4b	18.4.1	sourceIndicator	{smi2-att 26}	o		
	18.4.2	attributeIdentifierList	{smi2-att 8}	o		
	18.4.3	stateChangeDefinition	{smi2-att 28}	m		
	18.4.4	notificationIdentifier	{smi2-att 16}	o		
	18.4.5	correlatedNotifications	{smi2-att 12}	o		
	18.4.6	additionalText	{smi2-att 7}	o		
	18.4.7	additionalInformation	{smi2-att 6}	o		

4.3.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.4 Statement of conformance to managed object class v5Provision

Table 19: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
19.1	v5Provision	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 4}	m	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 20.

Table 20: Feature support

Index	Sub-Index		Support
20.1	20.1.1	Is configuration management supported?	
	20.1.2	Are all mandatory features for configuration management supported?	

4.4.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 21.

Table 21: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
21.1a	v5Provision - v5Interface	{v5Q(LE)-nb 4}	v5Interface	m	

Table 21 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
21.1b	c	c			
c: if 20.1.1 then m else -.					

4.4.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 22.

Table 22: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
22.1	anSwitchOverToNewVariantPackage	{v5Q(LE)-pkg 1}	m	
22.2	leSwitchOverToNewVariantPackage	{v5Q(LE)-pkg 3}	-	
22.3	packagesPackage	{smi2-pkg 16}	m	
22.4	allomorphicPackage	{smi2-pkg 17}	o	

4.4.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 23. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 23: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
23.1a	provId	{v5Q(LE)-att 28}	m	
23.2a	ownProvVariant	{v5Q(LE)-att 24}	m	
23.3a	objectClass	{smi2-att 65}	m	
23.4a	nameBinding	{smi2-att 63}	m	
23.5a	packages	{smi2-att 66}	m	
23.6a	allomorphs	{smi2-att 50}	c	
c: if 22.3 then m else -.				

Table 23 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
23.1b	o	m	x	x	x	x
23.2b	m	m	m	x	x	x
23.3b	m	m	x	x	x	x
23.4b	m	m	x	x	x	x
23.5b	m	m	x	x	x	x
23.6b	m	m	x	x	x	x

Table 23 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
23.1c							
23.2c							
23.3c							
23.4c							
23.5c							
23.6c							

4.4.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.4.5 Actions

The supplier of the implementation shall state whether or not the actions specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 24. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 24: Action support

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
24.1	verifyRemoteProvVariant	{v5Q(LE)-act 3}	m		
24.2	requestRemoteProvVariant	{v5Q(LE)-act 6}	m		
24.3	cannotReprovision	{v5Q(LE)-act 10}	m		
24.4	readyForReprovisioning	{v5Q(LE)-act 4}	m		
24.5	notReadyForReprovisioning	{v5Q(LE)-act 5}	m		
24.6	switchOverToNewVariant	{v5Q(LE)-act 7}	m		
24.7	anReprovisioningStarted	{v5Q(LE)-act 8}	m		

4.4.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 25. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 25: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
25.1a	switchOverRequest	{v5Q(LE)-not 1}	m			
25.2a	verifyRequest	{v5Q(LE)-not 3}	m			
25.3a	anBlockingStarted	{v5Q(LE)-not 2}	m			
25.4a	switchOverToNewVariantResult	{v5Q(LE)-not 8}	m			
25.5a	verifyRemoteProvVariantResult	{v5Q(LE)-not 7}	m			
25.6a	requestRemoteProvVariantResult	{v5Q(LE)-not 9}	m			

4.4.7 Parameters

There are no parameters specified for this managed object class.

4.5 Statement of conformance to managed object class commChannel

Table 26: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
26.1	commChannel	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 11}	m	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 27.

Table 27: Feature support

Index	Sub-Index		Support
27.1	27.1.1	Is configuration management supported?	
	27.1.2	Are all mandatory features for configuration management supported?	

4.5.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 28.

Table 28: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
28.1a	commChannel - v5Interface	{v5Q(LE)-nb 7}	v5Interface	m	

Table 28 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
28.1b	c	c			
c: if 27.1.1 then m else -.					

4.5.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 29.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 29: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
29.1	operationalStatePackage	{m3100-pkg 19}	m	
29.2	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
29.3	supportedByObjectListPackage	{v5Q(LE)-pkg 4}	c	
29.4	packagesPackage	{smi2-pkg 16}	m	
29.5	allomorphicPackage	{smi2-pkg 17}	o	
c: if the information model is not only used for provisioning then m else -.				

4.5.3 Attributes

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

Table 30: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
30.1a	commChannelId	{v5Q(LE)-att 15}	m	
30.2a	assocV5TimeSlot	{v5Q(LE)-att 9}	m	
30.3a	assocV5CommPaths	{v5Q(LE)-att 7}	m	
30.4a	operationalState	{smi2-att 35}	m	
30.5a	supportedByObjectList	{m3100-att 40}	c1	
30.6a	objectClass	{smi2-att 65}	m	
30.7a	nameBinding	{smi2-att 63}	m	
30.8a	packages	{smi2-att 66}	m	
30.9a	allomorphs	{smi2-att 50}	c2	
c1: if 29.3 then m else -.				
c2: if 29.5 then m else -.				

Table 30 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
30.1b	o	m	x	x	x	x
30.2b	x	m	x	x	x	x
30.3b	x	m	x	x	x	x
30.4b	x	m	x	x	x	x
30.5b	m	m	x	x	x	x
30.6b	m	m	x	x	x	x
30.7b	m	m	x	x	x	x
30.8b	m	m	x	x	x	x
30.9b	m	m	x	x	x	x

Table 30 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
30.1c							
30.2c							
30.3c							
30.4c							
30.5c							
30.6c							
30.7c							
30.8c							
30.9c							

4.5.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.5.5 Actions

There are no actions specified for this managed object class.

4.5.6 Notifications

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

Table 31: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
31.1a	objectCreation	{smi2-not 6}	m			
31.2a	objectDeletion	{smi2-not 7}	m			

Table 31 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
31.1b	31.1.1	sourceIndicator	{smi2-att 26}	o		
	31.1.2	attributeList	{smi2-att 9}	o		
	31.1.3	notificationIdentifier	{smi2-att 16}	o		
	31.1.4	correlatedNotifications	{smi2-att 12}	o		
	31.1.5	additionalText	{smi2-att 7}	o		
	31.1.6	additionalInformation	{smi2-att 6}	o		
31.2b	31.2.1	sourceIndicator	{smi2-att 26}	o		
	31.2.2	attributeList	{smi2-att 9}	o		
	31.2.3	notificationIdentifier	{smi2-att 16}	o		
	31.2.4	correlatedNotifications	{smi2-att 12}	o		
	31.2.5	additionalText	{smi2-att 7}	o		
	31.2.6	additionalInformation	{smi2-att 6}	o		

4.5.7 Parameters

There are no parameters specified for this managed object class.

4.6 Statement of conformance to managed object class isdnCommPath

Table 32: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
32.1	isdnCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 13}	c	

c: if 80.1 or 85.1 then m else -.

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 33.

Table 33: Feature support

Index	Sub-Index		Support
33.1	33.1.1	Is configuration management supported?	
	33.1.2	Are all mandatory features for configuration management supported?	

4.6.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 34.

Table 34: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
34.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

Table 34 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
34.1b	c	c			
c: if 33.1.1 then m else -.					

4.6.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 35.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 35: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
35.1	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
35.2	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c	
35.3	packagesPackage	{smi2-pkg 16}	m	
35.4	allomorphicPackage	{smi2-pkg 17}	o	
c: if the information model is not only used for provisioning then m else -.				

4.6.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 36. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 36: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
36.1a	clientUserPort	{v5Q(LE)-att 14}	m	
36.2a	dataType	{v5Q(LE)-att 18}	m	
36.3a	commPathId	{v5Q(LE)-att 16}	m	
36.4a	assocCommChannel	{v5Q(LE)-att 1}	m	
36.5a	supportedByObjectList	{m3100-att 40}	c1	
36.6a	objectClass	{smi2-att 65}	m	
36.7a	nameBinding	{smi2-att 63}	m	
36.8a	packages	{smi2-att 66}	m	
36.9a	allomorpha	{smi2-att 50}	c2	
c1: if 35.2 then m else -.				
c2: if 35.4 then m else -.				

Table 36 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
36.1b	x	m	x	x	x	x
36.2b	m	m	m	x	x	x
36.3b	o	m	x	x	x	x
36.4b	x	m	x	x	x	x
36.5b	m	m	x	x	x	x
36.6b	m	m	x	x	x	x
36.7b	m	m	x	x	x	x
36.8b	m	m	x	x	x	x
36.9b	m	m	x	x	x	x

Table 36 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
36.1c							
36.2c							
36.3c							
36.4c							
36.5c							
36.6c							
36.7c							
36.8c							
36.9c							

4.6.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.6.5 Actions

There are no actions specified for this managed object class.

4.6.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 37. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 37: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
37.1a	objectCreation	{smi2-not 6}	m			
37.2a	objectDeletion	{smi2-not 7}	m			

Table 37 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
37.1b	37.1.1	sourceIndicator	{smi2-att 26}	o		
	37.1.2	attributeList	{smi2-att 9}	o		
	37.1.3	notificationIdentifier	{smi2-att 16}	o		
	37.1.4	correlatedNotifications	{smi2-att 12}	o		
	37.1.5	additionalText	{smi2-att 7}	o		
	37.1.6	additionalInformation	{smi2-att 6}	o		
37.2b	37.2.1	sourceIndicator	{smi2-att 26}	o		
	37.2.2	attributeList	{smi2-att 9}	o		
	37.2.3	notificationIdentifier	{smi2-att 16}	o		
	37.2.4	correlatedNotifications	{smi2-att 12}	o		
	37.2.5	additionalText	{smi2-att 7}	o		
	37.2.6	additionalInformation	{smi2-att 6}	o		

4.6.7 Parameters

There are no parameters specified for this managed object class.

4.7 Statement of conformance to managed object class pstnCommPath

Table 38: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
38.1	pstnCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 14}	c	
c: if 90.1 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 39.

Table 39: Feature support

Index	Sub-Index		Support
39.1	39.1.1	Is configuration management supported?	
	39.1.2	Are all mandatory features for configuration management supported?	

4.7.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 40.

Table 40: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
40.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

Table 40 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
40.1b	c	c			
c: if 39.1.1 then m else -.					

4.7.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 41.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 41: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
41.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
41.2	packagesPackage	{smi2-pkg 16}	c2	
41.3	allomorphicPackage	{smi2-pkg 17}	o	
41.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 41.1 or 41.3 then m else -.				

4.7.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional

information" columns of table 42. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 42: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
42.1a	commPathId	{v5Q(LE)-att 16}	m	
42.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
42.3a	supportedByObjectList	{m3100-att 40}	c1	
42.4a	objectClass	{smi2-att 65}	m	
42.5a	nameBinding	{smi2-att 63}	m	
42.6a	packages	{smi2-att 66}	c2	
42.7a	allomorphs	{smi2-att 50}	c3	
c1: if 41.1 then m else -. c2: if 41.2 then m else -. c3: if 41.3 then m else -.				

Table 42 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
42.1b	o	m	x	x	x	x
42.2b	x	m	x	x	x	x
42.3b	m	m	x	x	x	x
42.4b	m	m	x	x	x	x
42.5b	m	m	x	x	x	x
42.6b	m	m	x	x	x	x
42.7b	m	m	x	x	x	x

Table 42 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
42.1c							
42.2c							
42.3c							
42.4c							
42.5c							
42.6c							
42.7c							

4.7.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.7.5 Actions

There are no actions specified for this managed object class.

4.7.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 43. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 43: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
43.1a	objectCreation	{smi2-not 6}	m			
43.2a	objectDeletion	{smi2-not 7}	m			

Table 43 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
43.1b	43.1.1	sourceIndicator	{smi2-att 26}	o		
	43.1.2	attributeList	{smi2-att 9}	o		
	43.1.3	notificationIdentifier	{smi2-att 16}	o		
	43.1.4	correlatedNotifications	{smi2-att 12}	o		
	43.1.5	additionalText	{smi2-att 7}	o		
	43.1.6	additionalInformation	{smi2-att 6}	o		
43.2b	43.2.1	sourceIndicator	{smi2-att 26}	o		
	43.2.2	attributeList	{smi2-att 9}	o		
	43.2.3	notificationIdentifier	{smi2-att 16}	o		
	43.2.4	correlatedNotifications	{smi2-att 12}	o		
	43.2.5	additionalText	{smi2-att 7}	o		
	43.2.6	additionalInformation	{smi2-att 6}	o		

4.7.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.8 Statement of conformance to managed object class bccCommPath

Table 44: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
44.1	bccCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 15}	c	
c: if v5.2 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 45.

Table 45: Feature support

Index	Sub-Index		Support
45.1	45.1.1	Is configuration management supported?	
	45.1.2	Are all mandatory features for configuration management supported?	

4.8.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 46.

Table 46: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
46.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

Table 46 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
46.1b	c	c			
c: if 45.1.1 then m else -.					

4.8.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 47.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 47: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
47.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
47.2	packagesPackage	{smi2-pkg 16}	c2	
47.3	allomorphicPackage	{smi2-pkg 17}	o	
47.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -. c2: if 47.1 or 47.3 then m else -.				

4.8.3 Attributes

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

Table 48: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
48.1a	commPathId	{v5Q(LE)-att 16}	m	
48.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
48.3a	supportedByObjectList	{m3100-att 40}	c1	
48.4a	objectClass	{smi2-att 65}	m	
48.5a	nameBinding	{smi2-att 63}	m	
48.6a	packages	{smi2-att 66}	c2	
48.7a	allomorphs	{smi2-att 50}	c3	
c1: if 47.1 then m else -. c2: if 47.2 then m else -. c3: if 47.3 then m else -.				

Table 48 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
48.1b	o	m	x	x	x	x
48.2b	x	m	x	x	x	x
48.3b	m	m	x	x	x	x
48.4b	m	m	x	x	x	x
48.5b	m	m	x	x	x	x
48.6b	m	m	x	x	x	x
48.7b	m	m	x	x	x	x

Table 48 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
48.1c							
48.2c							
48.3c							
48.4c							
48.5c							
48.6c							
48.7c							

4.8.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.8.5 Actions

There are no actions specified for this managed object class.

4.8.6 Notifications

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

Table 49: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
49.1a	objectCreation	{smi2-not 6}	m			
49.2a	objectDeletion	{smi2-not 7}	m			

Table 49 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
49.1b	49.1.1	sourceIndicator	{smi2-att 26}	o		
	49.1.2	attributeList	{smi2-att 9}	o		
	49.1.3	notificationIdentifier	{smi2-att 16}	o		
	49.1.4	correlatedNotifications	{smi2-att 12}	o		
	49.1.5	additionalText	{smi2-att 7}	o		
	49.1.6	additionalInformation	{smi2-att 6}	o		
49.2b	49.2.1	sourceIndicator	{smi2-att 26}	o		
	49.2.2	attributeList	{smi2-att 9}	o		
	49.2.3	notificationIdentifier	{smi2-att 16}	o		
	49.2.4	correlatedNotifications	{smi2-att 12}	o		
	49.2.5	additionalText	{smi2-att 7}	o		
	49.2.6	additionalInformation	{smi2-att 6}	o		

4.8.7 Parameters

There are no parameters specified for this managed object class.

4.9 Statement of conformance to managed object class controlCommPath

Table 50: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
50.1	controlCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 16}	m	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 51.

Table 51: Feature support

Index	Sub-Index		Support
51.1	51.1.1	Is configuration management supported?	
	51.1.2	Are all mandatory features for configuration management supported?	

4.9.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 52.

Table 52: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
52.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

Table 52 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
52.1b	c	c			
c: if 51.1.1 then m else -.					

4.9.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 53.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 53: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
53.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
53.2	packagesPackage	{smi2-pkg 16}	c2	
53.3	allomorphicPackage	{smi2-pkg 17}	o	
53.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 53.1 or 53.3 then m else -.				

4.9.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 54. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 54: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
54.1a	commPathId	{v5Q(LE)-att 16}	m	
54.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
54.3a	supportedByObjectList	{m3100-att 40}	c1	
54.4a	objectClass	{smi2-att 65}	m	
54.5a	nameBinding	{smi2-att 63}	m	
54.6a	packages	{smi2-att 66}	c2	
54.7a	allomorphs	{smi2-att 50}	c3	
c1: if 53.1 then m else -. c2: if 53.2 then m else -. c3: if 53.3 then m else -.				

Table 54 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
54.1b	o	m	x	x	x	x
54.2b	x	m	x	x	x	x
54.3b	m	m	x	x	x	x
54.4b	m	m	x	x	x	x
54.5b	m	m	x	x	x	x
54.6b	m	m	x	x	x	x
54.7b	m	m	x	x	x	x

Table 54 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
54.1c							
54.2c							
54.3c							
54.4c							
54.5c							
54.6c							
54.7c							

4.9.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.9.5 Actions

There are no actions specified for this managed object class.

4.9.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 55. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 55: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
55.1a	objectCreation	{smi2-not 6}	m			
55.2a	objectDeletion	{smi2-not 7}	m			

Table 55 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
55.1b	55.1.1	sourceIndicator	{smi2-att 26}	o		
	55.1.2	attributeList	{smi2-att 9}	o		
	55.1.3	notificationIdentifier	{smi2-att 16}	o		
	55.1.4	correlatedNotifications	{smi2-att 12}	o		
	55.1.5	additionalText	{smi2-att 7}	o		
	55.1.6	additionalInformation	{smi2-att 6}	o		
55.2b	55.2.1	sourceIndicator	{smi2-att 26}	o		
	55.2.2	attributeList	{smi2-att 9}	o		
	55.2.3	notificationIdentifier	{smi2-att 16}	o		
	55.2.4	correlatedNotifications	{smi2-att 12}	o		
	55.2.5	additionalText	{smi2-att 7}	o		
	55.2.6	additionalInformation	{smi2-att 6}	o		

4.9.7 Parameters

There are no parameters specified for this managed object class.

4.10 Statement of conformance to managed object class protCommPath

Table 56: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
56.1	protCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 17}	c	
c: if ETS 300 347-2 [3] N417 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 57.

Table 57: Feature support

Index	Sub-Index		Support
57.1	57.1.1	Is configuration management supported?	
	57.1.2	Are all mandatory features for configuration management supported?	

4.10.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 58.

Table 58: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
58.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

Table 58 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
58.1b	c	c			
c: if 57.1.1 then m else -.					

4.10.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 59.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 59: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
59.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
59.2	packagesPackage	{smi2-pkg 16}	c2	
59.3	allomorphicPackage	{smi2-pkg 17}	o	
59.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 59.1 or 59.3 then m else -.				

4.10.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 60. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 60: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
60.1a	commPathId	{v5Q(LE)-att 16}	m	
60.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
60.3a	assocProtectionGroup	{v5Q(LE)-att 5}	m	
60.4a	supportedByObjectList	{m3100-att 40}	c1	
60.5a	objectClass	{smi2-att 65}	m	
60.6a	nameBinding	{smi2-att 63}	m	
60.7a	packages	{smi2-att 66}	c2	
60.8a	allomorphs	{smi2-att 50}	c3	
c1: if 59.1 then m else -.				
c2: if 59.2 then m else -.				
c3: if 59.3 then m else -.				

Table 60 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
60.1b	o	m	x	x	x	x
60.2b	x	m	x	x	x	x
60.3b	m	m	m	x	x	x
60.4b	m	m	x	x	x	x
60.5b	m	m	x	x	x	x
60.6b	m	m	x	x	x	x
60.7b	m	m	x	x	x	x
60.8b	m	m	x	x	x	x

Table 60 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
60.1c							
60.2c							
60.3c							
60.4c							
60.5c							
60.6c							
60.7c							
60.8c							

4.10.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.10.5 Actions

There are no actions specified for this managed object class.

4.10.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 61. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 61: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
61.1a	objectCreation	{smi2-not 6}	m			
61.2a	objectDeletion	{smi2-not 7}	m			

Table 61 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
61.1b	61.1.1	sourceIndicator	{smi2-att 26}	o		
	61.1.2	attributeList	{smi2-att 9}	o		
	61.1.3	notificationIdentifier	{smi2-att 16}	o		
	61.1.4	correlatedNotifications	{smi2-att 12}	o		
	61.1.5	additionalText	{smi2-att 7}	o		
	61.1.6	additionalInformation	{smi2-att 6}	o		
61.2b	61.2.1	sourceIndicator	{smi2-att 26}	o		
	61.2.2	attributeList	{smi2-att 9}	o		
	61.2.3	notificationIdentifier	{smi2-att 16}	o		
	61.2.4	correlatedNotifications	{smi2-att 12}	o		
	61.2.5	additionalText	{smi2-att 7}	o		
	61.2.6	additionalInformation	{smi2-att 6}	o		

4.10.7 Parameters

There are no parameters specified for this managed object class.

4.11 Statement of conformance to managed object class linkControlCommPath

Table 62: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
62.1	linkControlCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 18}	c	
c:	if v5.2 then m else -.			

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 63.

Table 63: Feature support

Index	Sub-Index		Support
63.1	63.1.1	Is configuration management supported?	
	63.1.2	Are all mandatory features for configuration management supported?	

4.11.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 64.

Table 64: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
64.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

Table 64 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
64.1b	c	c			
c: if 63.1.1 then m else -.					

4.11.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 65.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 65: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
65.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
65.2	packagesPackage	{smi2-pkg 16}	c2	
65.3	allomorphicPackage	{smi2-pkg 17}	o	
65.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 65.1 or 65.3 then m else -.				

4.11.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 66. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 66: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
66.1a	commPathId	{v5Q(LE)-att 16}	m	
66.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
66.3a	supportedByObjectList	{m3100-att 40}	c1	
66.4a	objectClass	{smi2-att 65}	m	
66.5a	nameBinding	{smi2-att 63}	m	
66.6a	packages	{smi2-att 66}	c2	
66.7a	allomorphs	{smi2-att 50}	c3	
c1: if 65.1 then m else -. c2: if 65.2 then m else -. c3: if 65.3 then m else -.				

Table 66 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
66.1b	o	m	x	x	x	x
66.2b	x	m	x	x	x	x
66.3b	m	m	x	x	x	x
66.4b	m	m	x	x	x	x
66.5b	m	m	x	x	x	x
66.6b	m	m	x	x	x	x
66.7b	m	m	x	x	x	x

Table 66 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
66.1c							
66.2c							
66.3c							
66.4c							
66.5c							
66.6c							
66.7c							

4.11.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.11.5 Actions

There are no actions specified for this managed object class.

4.11.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 67. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 67: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
67.1a	objectCreation	{smi2-not 6}	m			
67.2a	objectDeletion	{smi2-not 7}	m			

Table 67 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
67.1b	67.1.1	sourceIndicator	{smi2-att 26}	o		
	67.1.2	attributeList	{smi2-att 9}	o		
	67.1.3	notificationIdentifier	{smi2-att 16}	o		
	67.1.4	correlatedNotifications	{smi2-att 12}	o		
	67.1.5	additionalText	{smi2-att 7}	o		
	67.1.6	additionalInformation	{smi2-att 6}	o		
67.2b	67.2.1	sourceIndicator	{smi2-att 26}	o		
	67.2.2	attributeList	{smi2-att 9}	o		
	67.2.3	notificationIdentifier	{smi2-att 16}	o		
	67.2.4	correlatedNotifications	{smi2-att 12}	o		
	67.2.5	additionalText	{smi2-att 7}	o		
	67.2.6	additionalInformation	{smi2-att 6}	o		

4.11.7 Parameters

There are no parameters specified for this managed object class.

4.12 Statement of conformance to managed object class v5ProtectionGroup

Table 68: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
68.1	v5ProtectionGroup	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 19}	c	
c: if ETS 300 347-2 [3] N47 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 69.

Table 69: Feature support

Index	Sub-Index		Support
69.1	69.1.1	Is configuration management supported?	
	69.1.2	Are all mandatory features for configuration management supported?	

4.12.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 70.

Table 70: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
70.1a	v5ProtectionGroup - v5Interface	{v5Q(LE)-nb 9}	v5Interface	m	

Table 70 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
70.1b	c	c			
c: if 69.1.1 then m else -.					

4.12.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 71.

Table 71: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
71.1	v5ProtectionAnSwitchPackage	{v5Q(LE)-pkg 9}	m	
71.2	v5ProtectionLeSwitchPackage	{v5Q(LE)-pkg 10}	-	
71.3	packagesPackage	{smi2-pkg 16}	m	
71.4	allomorphicPackage	{smi2-pkg 17}	o	

4.12.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 72. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 72: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
72.1a	v5ProtectionGroupId	{v5Q(LE)-att 35}	m	
72.2a	v5ProtectionGroupType	{v5Q(LE)-att 37}	m	
72.3a	v5ProtectionGroup Number	{v5Q(LE)-att 36}	m	
72.4a	objectClass	{smi2-att 65}	m	
72.5a	nameBinding	{smi2-att 63}	m	
72.6a	packages	{smi2-att 66}	m	
72.7a	allomorphs	{smi2-att 50}	c	
c: if 71.4 then m else -.				

Table 72 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
72.1b	o	m	x	x	x	x
72.2b	m	m	m	x	x	x
72.3b	m	m	x	x	x	x
72.4b	m	m	x	x	x	x
72.5b	m	m	x	x	x	x
72.6b	m	m	x	x	x	x
72.7b	m	m	x	x	x	x

Table 72 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
72.1c							
72.2c							
72.3c							
72.4c							
72.5c							
72.6c							
72.7c							

4.12.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.12.5 Actions

The supplier of the implementation shall state whether or not the actions specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 73. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 73: Action support

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
73.1	v5ProtectionAnSwitch	{v5Q(LE)-act 11}	m		
73.2	v5ProtectionLeSwitch	{v5Q(LE)-act 12}	-		

4.12.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 74. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 74: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
74.1	v5ProtectionSwitch Reporting	{v5Q(LE)-not 4}	m			

4.12.7 Parameters

There are no parameters specified for this managed object class.

4.13 Statement of conformance to managed object class v5ProtectionUnit

Table 75: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
75.1	v5ProtectionUnit	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 20}	c	
c: if ETS 300 347-2 [3] N47 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 76.

Table 76: Feature support

Index	Sub-Index		Support
76.1	76.1.1	Is configuration management supported?	
	76.1.2	Are all mandatory features for configuration management supported?	

4.13.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 77.

Table 77: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
77.1a	v5ProtectionUnit - v5ProtectionGroup	{v5Q(LE)-nb 12}	v5ProtectionGroup	m	

Table 77 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
77.1b	c	c			
c: if 76.1.1 then m else -.					

4.13.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 78.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 78: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
78.1	packagesPackage	{smi2-pkg 16}	c	
78.2	allomorphicPackage	{smi2-pkg 17}	o	
c: if 78.2 then m else -.				

4.13.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 79. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 79: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
79.1a	v5ProtectionUnitId	{v5Q(LE)-att 38}	m	
79.2a	protecting	{v5Q(LE)-att 27}	m	
79.3a	reliableResourcePointer	{v5Q(LE)-att 29}	m	
79.4a	unreliableResourcePointer	{v5Q(LE)-att 32}	m	
79.5a	configuredReliable ResourcePointer	{v5Q(LE)-att 17}	m	
79.6a	objectClass	{smi2-att 65}	m	
79.7a	nameBinding	{smi2-att 63}	m	
79.8a	packages	{smi2-att 66}	c1	
79.9a	allomorphs	{smi2-att 50}	c2	
c1: if 78.1 then m else -.				
c2: if 78.2 then m else -.				

Table 79 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
79.1b	o	m	x	x	x	x
79.2b	m	m	x	x	x	x
79.3b	m	m	x	x	x	
79.4b	m	m	x	x	x	x
79.5b	m	m	m	x	x	x
79.6b	m	m	x	x	x	x
79.7b	m	m	x	x	x	x
79.8b	m	m	x	x	x	x
79.9b	m	m	x	x	x	x

Table 79 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
79.1c							
79.2c							
79.3c							
79.4c							
79.5c							
79.6c							
79.7c							
79.8c							
79.9c							

4.13.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.13.5 Actions

There are no actions defined in this managed object class.

4.13.6 Notifications

There are no notifications defined for this managed object class.

4.13.7 Parameters

There are no parameters specified for this managed object class.

4.14 Statement of conformance to managed object class isdnBAUserPort

Table 80: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
80.1	isdnBAUserPort	{ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) managedObjectClass(3) 2}	c	
c: if ETS 300 324-2 [2] M1 or ETS 300 347-2 [3] N11 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 81.

Table 81: Feature support

Index	Sub-Index		Support
81.1	81.1.1	Is configuration management supported?	
	81.1.2	Are all mandatory features for configuration management supported?	
81.2	81.2.1	Is fault management supported?	
	81.2.2	Are all mandatory features for fault management supported?	

4.14.1 Name bindings

The name binding of this object class depends on the architecture of the AN and is outside the scope of this ETS.

4.14.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 82.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 82: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
82.1	assocV5InterfacePackage	{v5Q(AN)-pkg 2}	c1	
82.2	blockingStatusPackage	{v5Q(AN)-pkg 5}	c2	
82.3	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
82.4	assocCommPathPackage	{v5Q(AN)-pkg 1}	m	
82.5	gradingEnabledPackage	{v5Q(AN)-pkg 6}	c3	
82.6	administrativeStatePackage	{smi2-pkg 14}	m	
82.7	operationalStatePackage	{m3100-pkg 19}	m	
82.8	stateChangeNotificationPackage	{m3100-pkg 28}	m	
82.9	supportableClientListPackage	{m3100-pkg 27}	o	
82.10	ttlInstancePackage	{m3100-pkg 31}	m	
82.11	createDeleteNotificationPackage	{m3100-pkg 10}	m	
82.12	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
82.13	crossConnectionPointerPackage	{m3100-pkg 11}	c4	
82.14	characteristicInformationPackage	{m3100-pkg 7}	o	
82.15	networkLevelPackage	{m3100-pkg 18}	-	
82.16	qualityOfServiceAlarmPackage	{v5Q(LE)-pkg 12}	c5	
82.17	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c6	
82.18	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c6	
82.19	packagesPackage	{smi2-pkg 16}	m	
82.20	allomorphicPackage	{smi2-pkg 17}	o	
c1: if the user port is associated with a V5 interface then m else -. c2: if the blocking status is recorded at the user port then m else -. c3: if there is a remote digital section for the port then m else -. c4: if the termination point can be flexibly assigned then m else -. c5: if 81.2.1 then if there is a remote digital section or performance parameters are to be monitored against a pre-defined threshold then m else -. else -. c6: if 81.2.1 then m else -.				

4.14.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 83. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 83: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support	
83.1a	assocSdnSignallingCommPath	{v5Q(LE)-att 3}	m		
83.2a	assocPacketCommPath	{v5Q(LE)-att 4}	m		
83.3a	assocFrameCommPath	{v5Q(LE)-att 2}	m		
83.4a	envelopeFunctionAdress	{v5Q(LE)-att 19}	m		
83.5a	accessDigitalSection	{v5Q(AN)-att 4}	m		
83.6a	gradingEnabled	{v5Q(AN)-att 3}	c1		
83.7a	assocV5Interface	{v5Q(LE)-att 8}	c2		
83.8a	blockingStatus	{v5Q(LE)-att 13}	c3		
83.9a	supportedByObjectList	{m3100-att 40}	m		
83.10a	operationalState	{smi2-att 35}	m		
83.11a	upstreamConnectivityPointer	{m3100-att 49}	m		
83.12a	administrativeState	{smi2-att 31}	m		
83.13a	supportableClientList	{smi2-att 39}	c4		
83.14a	tTPIId	{m3100-att 48}	m		
83.15a	downstreamConnectivityPointer	{m3100-att 19}	m		
83.16a	crossConnectionObjectPointer	{m3100-att 16}	c5		
83.17a	characteristicInformation	{m3100-att 8}	c6		
83.18a	objectClass	{smi2-att 65}	m		
83.19a	namebinding	{smi2-att 63}	m		
83.20a	packages	{smi2-att 66}	m		
83.21a	allomorphs	{smi2-att 50}	c7		
c1:	if 82.5 then m else -.	c4:	if 82.9 then m else -.	c7:	if 82.20 then m else -.
c2:	if 82.1 then m else -.	c5:	if 82.13 then m else -.		
c3:	if 82.2 then m else -.	c6:	if 82.14 then m else -.		

Table 83 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
83.1b	x	m	x	x	x	x
83.2b	x	m	x	x	x	x
83.3b	x	m	x	x	x	x
83.4b	m	m	m	x	x	x
83.5b	m	m	x	x	x	x
83.6b	m	m	m	x	x	x
83.7b	x	m	x	x	x	x
83.8b	m	m	x	x	x	x
83.9b	m	m	x	x	x	x
83.10b	x	m	x	x	x	x
83.11b	o	m	x	x	x	x
83.12b	m	m	m	x	x	x
83.13b	m	m	x	x	x	x
83.14b	o	m	x	x	x	x
83.15b	o	m	x	x	x	x
83.16b	m	m	x	x	x	x
83.17b	m	m	x	x	x	x
83.18b	m	m	x	x	x	x
83.19b	m	m	x	x	x	x
83.20b	m	m	x	x	x	x
83.21b	m	m	x	x	x	x

Table 83 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
83.1c							
83.2c							
83.3c							
83.4c							
83.5c							
83.6c							
83.7c							
83.8c							
83.9c							
83.10c							
83.11c							
83.12c							
83.13c							
83.14c							
83.15c							
83.16c							
83.17c							
83.18c							
83.19c							
83.20c							
83.21c							

4.14.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.14.5 Actions

There are no actions specified for this managed object class.

4.14.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 84. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 84: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
84.1a	objectCreation	{smi2-not 6}	m			
84.2a	objectDeletion	{smi2-not 7}	m			
84.3a	attributeValueChange	{smi2-not 1}	c			
84.4a	stateChange	{smi2-not 14}	m			
84.5a	shutdownRejected	{v5q(LE)-not 5}	m			
c: if 82.12 then m else -.						

Table 84 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
84.1b	84.1.1	sourceIndicator	{smi2-att 26}	o		
	84.1.2	attributeList	{smi2-att 9}	o		
	84.1.3	notificationIdentifier	{smi2-att 16}	o		
	84.1.4	correlatedNotifications	{smi2-att 12}	o		
	84.1.5	additionalText	{smi2-att 7}	o		
	84.1.6	additionalInformation	{smi2-att 6}	o		
84.2b	84.2.1	sourceIndicator	{smi2-att 26}	o		
	84.2.2	attributeList	{smi2-att 9}	o		
	84.2.3	notificationIdentifier	{smi2-att 16}	o		
	84.2.4	correlatedNotifications	{smi2-att 12}	o		
	84.2.5	additionalText	{smi2-att 7}	o		
	84.2.6	additionalInformation	{smi2-att 6}	o		
84.3b	84.3.1	sourceIndicator	{smi2-att 26}	o		
	84.3.2	attributeIdentifierList	{smi2-att 8}	o		
	84.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	84.3.4	notificationIdentifier	{smi2-att 16}	o		
	84.3.5	correlatedNotifications	{smi2-att 12}	o		
	84.3.6	additionalText	{smi2-att 7}	o		
	84.3.7	additionalInformation	{smi2-att 6}	o		
84.4b	84.4.1	sourceIndicator	{smi2-att 26}	o		
	84.4.2	attributeIdentifierList	{smi2-att 8}	o		
	84.4.3	stateChangeDefinition	{smi2-att 28}	m		
	84.4.4	notificationIdentifier	{smi2-att 16}	o		
	84.4.5	correlatedNotifications	{smi2-att 12}	o		
	84.4.6	additionalText	{smi2-att 7}	o		
	84.4.7	additionalInformation	{smi2-att 6}	o		

4.14.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.15 Statement of conformance to managed object class isdnPRAUserPort

Table 85: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
85.1	isdnPRAUserPort	{ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) managedObjectClass(3) 3}	c	
c: if ETS 300 347-2 [3] N12 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 86.

Table 86: Feature support

Index	Sub-Index		Support
86.1	86.1.1	Is configuration management supported?	
	86.1.2	Are all mandatory features for configuration management supported?	
86.2	86.2.1	Is fault management supported?	
	86.2.2	Are all mandatory features for fault management supported?	

4.15.1 Name bindings

The name binding of this object class depends on the architecture of the AN and is outside the scope of this ETS.

4.15.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 87.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 87: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
87.1	assocV5InterfacePackage	{v5Q(AN)-pkg 2}	c1	
87.2	blockingStatusPackage	{v5Q(AN)-pkg 5}	c2	
87.3	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
87.4	assocCommPathPackage	{v5Q(AN)-pkg 1}	m	
87.5	gradingEnabledPackage	{v5Q(AN)-pkg 6}	c3	
87.6	administrativeStatePackage	{smi2-pkg 14}	m	
87.7	operationalStatePackage	{m3100-pkg 19}	m	
87.8	stateChangeNotificationPackage	{m3100-pkg 28}	m	
87.9	supportableClientListPackage	{m3100-pkg 27}	o	
87.10	ttlInstancePackage	{m3100-pkg 31}	m	
87.11	createDeleteNotificationPackage	{m3100-pkg 10}	m	
87.12	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
87.13	crossConnectionPointerPackage	{m3100-pkg 11}	c4	
87.14	characteristicInformationPackage	{m3100-pkg 7}	o	
87.15	networkLevelPackage	{m3100-pkg 18}	-	
87.16	qualityOfServiceAlarmPackage	{v5Q(LE)-pkg 12}	c5	
87.17	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c6	
87.18	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c6	
87.19	packagesPackage	{smi2-pkg 16}	m	
87.20	allomorphicPackage	{smi2-pkg 17}	o	
c1:	if the user port is associated with a V5 interface then m else -.			
c2:	if the blocking status is recorded at the user port then m else -.			
c3:	if there is a remote digital section for the port then m else -.			
c4:	if the termination point can be flexibly assigned then m else -.			
c5:	if 86.2.1 then if there is a remote digital section or performance parameters are to be monitored against a pre-defined threshold then m else -.			
c6:	if 86.2.1 then m else -.			

4.15.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 88. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 88: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support	
88.1a	assocIcdnSignallingCommPath	{v5Q(LE)-att 3}	m		
88.2a	assocPacketCommPath	{v5Q(LE)-att 4}	m		
88.3a	assocFrameCommPath	{v5Q(LE)-att 2}	m		
88.4a	envelopeFunctionAdress	{v5Q(LE)-att 19}	m		
88.5a	accessDigitalSection	{v5Q(AN)-att 4}	m		
88.6a	gradingEnabled	{v5Q(AN)-att 3}	c1		
88.7a	assocV5Interface	{v5Q(LE)-att 8}	c2		
88.8a	blockingStatus	{v5Q(LE)-att 13}	c3		
88.9a	supportedByObjectList	{m3100-att 40}	m		
88.10a	operationalState	{smi2-att 35}	m		
88.11a	upstreamConnectivityPointer	{m3100-att 49}	m		
88.12a	administrativeState	{smi2-att 31}	m		
88.13a	supportableClientList	{smi2-att 39}	c4		
88.14a	tTPId	{m3100-att 48}	m		
88.15a	downstreamConnectivityPointer	{m3100-att 19}	m		
88.16a	crossConnectionObjectPointer	{m3100-att 16}	c5		
88.17a	characteristicInformation	{m3100-att 8}	c6		
88.18a	objectClass	{smi2-att 65}	m		
88.19a	nameBinding	{smi2-att 63}	m		
88.20a	packages	{smi2-att 66}	m		
88.21a	allomorphs	{smi2-att 50}	c7		
c1: if 87.5 then m else -.		c4: if 87.9 then m else -.		c7: if 87.20 then m else -.	
c2: if 87.1 then m else -.		c5: if 87.13 then m else -.			
c3: if 87.2 then m else -.		c6: if 87.14 then m else -.			

Table 88 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
88.1b	x	m	x	x	x	x
88.2b	x	m	x	x	x	x
88.3b	x	m	x	x	x	x
88.4b	m	m	m	x	x	x
88.5b	m	m	x	x	x	x
88.6b	m	m	m	x	x	x
88.7b	x	m	x	x	x	x
88.8b	m	m	x	x	x	x
88.9b	m	m	x	x	x	x
88.10b	x	m	x	x	x	x
88.11b	o	m	x	x	x	x
88.12b	m	m	m	x	x	x
88.13b	m	m	x	x	x	x
88.14b	o	m	x	x	x	x
88.15b	o	m	x	x	x	x
88.16b	m	m	x	x	x	x
88.17b	m	m	x	x	x	x
88.18b	m	m	x	x	x	x
88.19b	m	m	x	x	x	x
88.20b	m	m	x	x	x	x
88.21b	m	m	x	x	x	x

Table 88 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
88.1c							
88.2c							
88.3c							
88.4c							
88.5c							
88.6c							
88.7c							
88.8c							
88.9c							
88.10c							
88.11c							
88.12c							
88.13c							
88.14c							
88.15c							
88.16c							
88.17c							
88.18c							
88.19c							
88.20c							
88.21c							

4.15.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.15.5 Actions

There are no actions specified for this managed object class.

4.15.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 89. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 89: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
89.1a	objectCreation	{smi2-not 6}	m			
89.2a	objectDeletion	{smi2-not 7}	m			
89.3a	attributeValueChange	{smi2-not 1}	c			
89.4a	stateChange	{smi2-not 14}	m			
89.5a	shutdownRejected	{v5q(LE)-not 5}	m			
c: if 87.12 then m else -.						

Table 89 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
89.1b	89.1.1	sourceIndicator	{smi2-att 26}	o		
	89.1.2	attributeList	{smi2-att 9}	o		
	89.1.3	notificationIdentifier	{smi2-att 16}	o		
	89.1.4	correlatedNotifications	{smi2-att 12}	o		
	89.1.5	additionalText	{smi2-att 7}	o		
	89.1.6	additionalInformation	{smi2-att 6}	o		
89.2b	89.2.1	sourceIndicator	{smi2-att 26}	o		
	89.2.2	attributeList	{smi2-att 9}	o		
	89.2.3	notificationIdentifier	{smi2-att 16}	o		
	89.2.4	correlatedNotifications	{smi2-att 12}	o		
	89.2.5	additionalText	{smi2-att 7}	o		
	89.2.6	additionalInformation	{smi2-att 6}	o		
89.3b	89.3.1	sourceIndicator	{smi2-att 26}	o		
	89.3.2	attributeIdentifierList	{smi2-att 8}	o		
	89.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	89.3.4	notificationIdentifier	{smi2-att 16}	o		
	89.3.5	correlatedNotifications	{smi2-att 12}	o		
	89.3.6	additionalText	{smi2-att 7}	o		
	89.3.7	additionalInformation	{smi2-att 6}	o		
89.4b	89.4.1	sourceIndicator	{smi2-att 26}	o		
	89.4.2	attributeIdentifierList	{smi2-att 8}	o		
	89.4.3	stateChangeDefinition	{smi2-att 28}	m		
	89.4.4	notificationIdentifier	{smi2-att 16}	o		
	89.4.5	correlatedNotifications	{smi2-att 12}	o		
	89.4.6	additionalText	{smi2-att 7}	o		
	89.4.7	additionalInformation	{smi2-att 6}	o		

4.15.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.16 Statement of conformance to managed object class pstnUserPort

Table 90: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
90.1	pstnUserPort	{ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) managedObjectClass(3) 4}	c	
c: if ETS 300 324-2 [2] M2 or ETS 300 347-2 [3] M2 then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 91.

Table 91: Feature support

Index	Sub-Index		Support
91.1	91.1.1	Is configuration management supported?	
	91.1.2	Are all mandatory features for configuration management supported?	
91.2	91.2.1	Is fault management supported?	
	91.2.2	Are all mandatory features for fault management supported?	

4.16.1 Name bindings

The name binding of this object class depends on the architecture of the AN and is outside the scope of this ETS.

4.16.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 92.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 92: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
92.1	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
92.2	assocV5InterfacePackage	{v5Q(AN)-pkg 2}	c1	
92.3	blockingStatusPackage	{v5Q(AN)-pkg 5}	c2	
92.4	administrativeStatePackage	{smi2-pkg 14}	m	
92.5	stateChangeNotificationPackage	{m3100-pkg 28}	m	
92.6	operationalStatePackage	{m3100-pkg 19}	m	
92.7	supportableClientListPackage	{m3100-pkg 27}	o	
92.8	ttlInstancePackage	{m3100-pkg 31}	m	
92.9	createDeleteNotificationPackage	{m3100-pkg 10}	m	
92.10	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
92.11	crossConnectionPointerPackage	{m3100-pkg 11}	c3	
92.12	characteristicInformationPackage	{m3100-pkg 7}	o	
92.13	networkLevelPackage	{m3100-pkg 18}	-	
92.14	qualityOfServiceAlarmPackage	{v5Q(LE)-pkg 12}	c4	
92.15	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c5	
92.16	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c5	
92.17	packagesPackage	{smi2-pkg 16}	m	
92.18	allomorphicPackage	{smi2-pkg 17}	o	
c1:	if the user port is associated with a V5 interface then m else -.			
c2:	if the blocking status is recorded at the port then m else -.			
c3:	if the termination point can be flexibly assigned then m else -.			
c4:	if 91.2.1 then if there is a remote digital section or performance parameters are to be monitored against a pre-defined threshold then m else -. else -.			
c5:	if 91.2.1 then m else -.			

4.16.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 93. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 93: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
93.1a	layer3PortAddress	{v5Q(LE)-att 20}	m	
93.2a	specialFeatures	{v5Q(AN)-att 5}	m	
93.3a	assocV5Interface	{v5Q(LE)-att 8}	c1	
93.4a	blockingStatus	{v5Q(LE)-att 13}	c2	
93.5a	supportedByObjectList	{m3100-att 40}	m	
93.6a	operationalState	{smi2-att 35}	m	
93.7a	upstreamConnectivityPointer	{m3100-att 49}	m	
93.8a	administrativeState	{smi2-att 31}	m	
93.9a	supportableClientList	{smi2-att 39}	c3	
93.10a	tTPId	{m3100-att 48}	m	
93.11a	downstreamConnectivityPointer	{m3100-att 19}	m	
93.12a	crossConnectionObjectPointer	{m3100-att 16}	c4	
93.13a	characteristicInformation	{m3100-att 8}	c5	
93.14a	objectClass	{smi2-att 65}	m	
93.15a	nameBinding	{smi2-att 63}	m	
93.16a	packages	{smi2-att 66}	m	
93.17a	allomorphs	{smi2-att 50}	c6	
c1: if 92.2 then m else -		c4: if 92.11 then m else -		
c2: if 92.3 then m else -		c5: if 92.12 then m else -		
c3: if 92.7 then m else -		c6: if 92.18 then m else -		

Table 93 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
93.1b	m	m	m	x	x	x
93.2b	o	m	m	m	m	x
93.3b	x	m	x	x	x	x
93.4b	m	m	x	x	x	x
93.5b	m	m	x	x	x	x
93.6b	x	m	x	x	x	x
93.7b	o	m	x	x	x	x
93.8b	m	m	m	x	x	x
93.9b	m	m	x	x	x	x
93.10b	o	m	x	x	x	x
93.11b	o	m	x	x	x	x
93.12b	m	m	x	x	x	x
93.13b	m	m	x	x	x	x
93.14b	m	m	x	x	x	x
93.15b	m	m	x	x	x	x
93.16b	m	m	x	x	x	x
93.17b	m	m	x	x	x	x

Table 93 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
93.1c							
93.2c							
93.3c							
93.4c							
93.5c							
93.6c							
93.7c							
93.8c							
93.9c							
93.10c							
93.11c							
93.12c							
93.13c							
93.14c							
93.15c							
93.16c							
93.17c							

4.16.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.16.5 Actions

There are no actions specified for this managed object class.

4.16.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 94. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 94: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
94.1a	objectCreation	{smi2-not 6}	m			
94.2a	objectDeletion	{smi2-not 7}	m			
94.3a	attributeValueChange	{smi2-not 1}	c			
94.4a	stateChange	{smi2-not 14}	m			
94.5a	shutdownRejected	{v5q(LE)-not 5}	m			
c1: if 92.10 then m else -.						
c2: if 92.14 then m else -.						

Table 94 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
94.1b	94.1.1	sourceIndicator	{smi2-att 26}	o		
	94.1.2	attributeList	{smi2-att 9}	o		
	94.1.3	notificationIdentifier	{smi2-att 16}	o		
	94.1.4	correlatedNotifications	{smi2-att 12}	o		
	94.1.5	additionalText	{smi2-att 7}	o		
	94.1.6	additionalInformation	{smi2-att 6}	o		
94.2b	94.2.1	sourceIndicator	{smi2-att 26}	o		
	94.2.2	attributeList	{smi2-att 9}	o		
	94.2.3	notificationIdentifier	{smi2-att 16}	o		
	94.2.4	correlatedNotifications	{smi2-att 12}	o		
	94.2.5	additionalText	{smi2-att 7}	o		
	94.2.6	additionalInformation	{smi2-att 6}	o		
94.3b	94.3.1	sourceIndicator	{smi2-att 26}	o		
	94.3.2	attributeIdentifierList	{smi2-att 8}	o		
	94.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	94.3.4	notificationIdentifier	{smi2-att 16}	o		
	94.3.5	correlatedNotifications	{smi2-att 12}	o		
	94.3.6	additionalText	{smi2-att 7}	o		
	94.3.7	additionalInformation	{smi2-att 6}	o		
94.4b	94.4.1	sourceIndicator	{smi2-att 26}	o		
	94.4.2	attributeIdentifierList	{smi2-att 8}	o		
	94.4.3	stateChangeDefinition	{smi2-att 28}	m		
	94.4.4	notificationIdentifier	{smi2-att 16}	o		
	94.4.5	correlatedNotifications	{smi2-att 12}	o		
	94.4.6	additionalText	{smi2-att 7}	o		
	94.4.7	additionalInformation	{smi2-att 6}	o		

4.16.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.17 Statement of conformance to managed object class leasedPort

Table 95: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
95.1	leasedPort	{ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(2) managedObjectClass(3) 5}	o	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 96.

Table 96: Feature support

Index	Sub-Index		Support
96.1	96.1.1	Is configuration management supported?	
	96.1.2	Are all mandatory features for configuration management supported?	
96.2	96.2.1	Is fault management supported?	
	96.2.2	Are all mandatory features for fault management supported?	

4.17.1 Name bindings

The name binding of this object class depends on the architecture of the AN and is outside the scope of this ETS.

4.17.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 97.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 97: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
97.1	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
97.2	assocV5InterfacePackage	{v5Q(AN)-pkg 2}	c1	
97.3	blockingStatusPackage	{v5Q(AN)-pkg 5}	c2	
97.4	administrativeStatePackage	{m3100-pkg 1}	m	
97.5	stateChangeNotificationPackage	{m3100-pkg 28}	m	
97.6	operationalStatePackage	{m3100-pkg 19}	m	
97.7	supportableClientListPackage	{m3100-pkg 27}	o	
97.8	ttpInstancePackage	{m3100-pkg 31}	m	
97.9	createDeleteNotificationPackage	{m3100-pkg 10}	m	
97.10	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
97.11	crossConnectionPointerPackage	{m3100-pkg 11}	c3	
97.12	characteristicInformationPackage	{m3100-pkg 7}	o	
97.13	networkLevelPackage	{m3100-pkg 18}	-	
97.14	qualityOfServiceAlarmPackage	{v5Q(LE)-pkg 12}	c4	
97.15	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c5	
97.16	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c5	
97.17	packagesPackage	{smi2-pkg 16}	m	
97.18	allomorphicPackage	{smi2-pkg 17}	o	
c1:	if the user port is associated with a V5 interface then m else -.			
c2:	if the blocking status is recorded at the port then m else -.			
c3:	if the termination point can be flexibly assigned then m else -.			
c4:	if 96.2.1 then if there is a remote digital section or performance parameters are to be monitored against a pre-defined threshold then m else -. else -.			
c5:	if 96.2.1 then m else -.			

4.17.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all the packages instantiated in a managed object class definition are supported, in the "Support" and "Additional information" columns of table 98. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 98: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
98.1a	v5UserPortAddress	{v5Q(LE)-att 39}	m	
98.2a	assocV5Interface	{v5Q(LE)-att 8}	c1	
98.3a	blockingStatus	{v5Q(LE)-att 13}	c2	
98.4a	supportedByObjectList	{m3100-att 40}	m	
98.5a	operationalState	{smi2-att 35}	m	
98.6a	upstreamConnectivityPointer	{m3100-att 49}	m	
98.7a	administrativeState	{smi2-att 31}	m	
98.8a	supportableClientList	{smi2-att 39}	c3	
98.9a	tPLId	{m3100-att 48}	m	
98.10a	downstreamConnectivityPointer	{m3100-att 19}	m	
98.11a	crossConnectionObjectPointer	{m3100-att 16}	c4	
98.12a	characteristicInformation	{m3100-att 8}	c5	
98.13a	objectClass	{smi2-att 65}	m	
98.14a	nameBinding	{smi2-att 63}	m	
98.15a	packages	{smi2-att 66}	m	
98.16a	allomorph	{smi2-att 50}	c6	
c1: if 97.2 then m else -.		c4: if 97.11 then m else -.		
c2: if 97.3 then m else -.		c5: if 97.12 then m else -.		
c3: if 97.7 then m else -.		c6: if 97.18 then m else -.		

Table 98 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
98.1b	m	m	m	x	x	x
98.2b	x	m	x	x	x	x
98.3b	m	m	x	x	x	x
98.4b	m	m	x	x	x	x
98.5b	m	m	x	x	x	x
98.6b	m	m	x	x	x	x
98.7b	m	m	m	x	x	x
98.8b	m	m	x	x	x	x
98.9b	o	m	x	x	x	x
98.10b	m	m	x	x	x	x
98.11b	m	m	x	x	x	x
98.12b	m	m	x	x	x	x
98.13b	m	m	x	x	x	x
98.14b	m	m	x	x	x	x
98.15b	m	m	x	x	x	x
98.16b	m	m	x	x	x	x

Table 98 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
98.1c							
98.2c							
98.3c							
98.4c							
98.5c							
98.6c							
98.7c							
98.8c							
98.9c							
98.10c							
98.11c							
98.12c							
98.13c							
98.14c							
98.15c							
98.16c							

4.17.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.17.5 Actions

There are no actions specified for this managed object class.

4.17.6 Notifications

The supplier of the implementation shall state whether or not the notifications specified by all the packages instantiated in a managed object of this class are supported, in the "Support" and "Additional information" columns of table 99. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 99: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
99.1a	objectCreation	{smi2-not 6}	m			
99.2a	objectDeletion	{smi2-not 7}	m			
99.3a	attributeValueChange	{smi2-not 1}	c			
99.4a	stateChange	{smi2-not 14}	m			
99.5a	shutdownRejected	{v5q(LE)-not 5}	m			
c:	if 97.10 then m else -.					

Table 99 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
99.1b	99.1.1	sourceIndicator	{smi2-att 26}	o		
	99.1.2	attributeList	{smi2-att 9}	o		
	99.1.3	notificationIdentifier	{smi2-att 16}	o		
	99.1.4	correlatedNotifications	{smi2-att 12}	o		
	99.1.5	additionalText	{smi2-att 7}	o		
	99.1.6	additionalInformation	{smi2-att 6}	o		
99.2b	99.2.1	sourceIndicator	{smi2-att 26}	o		
	99.2.2	attributeList	{smi2-att 9}	o		
	99.2.3	notificationIdentifier	{smi2-att 16}	o		
	99.2.4	correlatedNotifications	{smi2-att 12}	o		
	99.2.5	additionalText	{smi2-att 7}	o		
	99.2.6	additionalInformation	{smi2-att 6}	o		
99.3b	99.3.1	sourceIndicator	{smi2-att 26}	o		
	99.3.2	attributeIdentifierList	{smi2-att 8}	o		
	99.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	99.3.4	notificationIdentifier	{smi2-att 16}	o		
	99.3.5	correlatedNotifications	{smi2-att 12}	o		
	99.3.6	additionalText	{smi2-att 7}	o		
	99.3.7	additionalInformation	{smi2-att 6}	o		
99.4b	99.4.1	sourceIndicator	{smi2-att 26}	o		
	99.4.2	attributeIdentifierList	{smi2-att 8}	o		
	99.4.3	stateChangeDefinition	{smi2-att 28}	m		
	99.4.4	notificationIdentifier	{smi2-att 16}	o		
	99.4.5	correlatedNotifications	{smi2-att 12}	o		
	99.4.6	additionalText	{smi2-att 7}	o		
	99.4.7	additionalInformation	{smi2-att 6}	o		

4.17.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

4.18 Statement of conformance to managed object class userPortBearerChannelCtp

Table 100: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
100.1	userPortBearerChannelCtp	{ccitt(0) identified-organization(4) etsi(0) v5AnConfigurationManagement(376) informationModel(0) managedObjectClass(3) 6}	c	
c: if a 64 kbit/s bearer channel is supported then m else -.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 101.

Table 101: Feature support

Index	Sub-Index		Support
101.1	101.1.1	Is configuration management supported?	
	101.1.2	Are all mandatory features for configuration management supported?	
101.2	101.2.1	Is fault management supported?	
	101.2.2	Are all mandatory features for fault management supported?	

4.18.1 Name bindings

The supplier of the implementation shall state which name bindings of the managed object class are supported, in the "Support" and "Additional information" columns of table 102.

Table 102: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
102.1a	userPortBearerChannelCtp - userPortTtp	{v5Q(AN)-nb 1}	userPortTtp AND SUBCLASSES	m	

Table 102 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
102.1b	c	c			
c: if 101.1.1 then m else -.					

4.18.2 Packages

The supplier of the implementation shall state whether or not the packages specified by this managed object of this class are supported, in table 103.

Packages of superclasses which are not applicable are listed in the package support table only. The associated attributes, actions and notifications are not mentioned in the following tables.

Table 103: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
103.1	commonDeleteBehaviourPackage	{v5q(LE)-pkg 2}	m	
103.2	assocTimeSlotPackage	{v5q(AN)-pkg 3}	c1	
103.3	bearerChannelTypePackage	{v5q(AN)-pkg 4}	c2	
103.4	administrativeStatePackage	{smi2-pkg 14}	o	
103.5	ctpInstancePackage	{m3100-pkg 12}	m	
103.6	createDeleteNotificationPackage	{m3100-pkg 10}	m	
103.7	stateChangeNotificationPackage	{m3100-pkg 28}	c3	
103.8	operationalStatePackage	{m3100-pkg 19}	o	
103.9	channelNumberPackage	{m3100-pkg 6}	o	
103.10	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
103.11	crossConnectionPointerPackage	{m3100-pkg 11}	c4	
103.12	characteristicInformationPackage	{m3100-pkg 7}	o	
103.13	networkLevelPackage	{m3100-pkg 18}	-	
103.14	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c5	
103.15	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c5	
103.16	packagesPackage	{smi2-pkg 16}	m	
103.17	allomorphicPackage	{smi2-pkg 17}	o	
c1: if the bearer channel has a call-independent association with a specific timeslot at the interface at the local exchange or at the interface to some other service node such as leased line network then m else -.				
c2: if the bearer channel is contained in an ISDN port which can support PL service then m else -.				
c3: if 103.4 or 103.8 then m else -.				
c4: if the termination point can be flexibly assigned then m else -.				
c5: if 101.2.1 then m else -.				

4.18.3 Attributes

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

Table 104: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support	
104.1a	bearerChannelType	{v5q(AN)-att 2}	c1		
104.2a	assocTimeSlot	{v5q(LE)-att 1}	c2		
104.3a	administrativeState	{smi2-att 31}	c3		
104.4a	cTPIId	{m3100-att 13}	m		
104.5a	downstreamConnectivityPointer	{m3100-att 19}	m		
104.6a	channelNumber	{m3100-att 7}	c4		
104.7a	upstreamConnectivityPointer	{m3100-att 49}	m		
104.8a	supportedByObjectList	{m3100-att 40}	m		
104.9a	operationalState	{smi2-att 35}	c5		
104.10a	crossConnectionObjectPointer	{m3100-att 16}	c6		
104.11a	characteristicInformation	{m3100-att 8}	c7		
104.12a	objectClass	{smi2-att 65}	m		
104.13a	nameBinding	{smi2-att 63}	m		
104.14a	packages	{smi2-att 66}	m		
104.15a	allomorphs	{smi2-att 50}	c8		
c1:	if 103.3 then m else -.	c4:	if 103.9 then m else -.	c7:	if 103.12 then m else -.
c2:	if 103.2 then m else -.	c5:	if 103.4 then m else -.	c8:	if 103.17 then m else -.
c3:	if 103.4 then m else -.	c6:	if 103.11 then m else -.		

Table 104 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
104.1b	m	m	m	x	x	x
104.2b	x	m	x	x	x	x
104.3b	m	m	m	x	x	x
104.4b	o	m	x	x	x	x
104.5b	o	m	x	x	x	x
104.6b	m	m	x	x	x	x
104.7b	o	m	x	x	x	x
104.8b	m	m	x	x	x	x
104.9b	x	m	x	x	x	x
104.10b	m	m	x	x	x	x
104.11b	m	m	x	x	x	x
104.12b	m	m	x	x	x	x
104.13b	m	m	x	x	x	x
104.14b	m	m	x	x	x	x
104.15b	m	m	x	x	x	x

Table 104 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
104.1c							
104.2c							
104.3c							
104.4c							
104.5c							
104.6c							
104.7c							
104.8c							
104.9c							
104.10c							
104.11c							
104.12c							
104.13c							
104.14c							
104.15c							

4.18.4 Attribute groups

There are no attribute groups specified for this managed object class.

4.18.5 Actions

There are no actions specified for this managed object class.

4.18.6 Notifications

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

Table 105: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
105.1a	objectCreation	{smi2-not 6}	m			
105.2a	objectDeletion	{smi2-not 7}	m			
105.3a	attributeValueChange	{smi2-not 1}	c1			
105.4a	stateChange	{smi2-not 14}	c2			
c1: if 103.10 then m else -.						
c2: if 103.7 then m else -.						

Table 105 (concluded): Notification support

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
105.1b	105.1.1	sourceIndicator	{smi2-att 26}	o		
	105.1.2	attributeList	{smi2-att 9}	o		
	105.1.3	notificationIdentifier	{smi2-att 16}	o		
	105.1.4	correlatedNotifications	{smi2-att 12}	o		
	105.1.5	additionalText	{smi2-att 7}	o		
	105.1.6	additionalInformation	{smi2-att 6}	o		
105.2b	105.2.1	sourceIndicator	{smi2-att 26}	o		
	105.2.2	attributeList	{smi2-att 9}	o		
	105.2.3	notificationIdentifier	{smi2-att 16}	o		
	105.2.4	correlatedNotifications	{smi2-att 12}	o		
	105.2.5	additionalText	{smi2-att 7}	o		
	105.2.6	additionalInformation	{smi2-att 6}	o		
105.3b	105.3.1	sourceIndicator	{smi2-att 26}	o		
	105.3.2	attributeIdentifierList	{smi2-att 8}	o		
	105.3.3	AttributeValueChange Definition	{smi2-att 10}	m		
	105.3.4	notificationIdentifier	{smi2-att 16}	o		
	105.3.5	correlatedNotifications	{smi2-att 12}	o		
	105.3.6	additionalText	{smi2-att 7}	o		
	105.3.7	additionalInformation	{smi2-att 6}	o		
105.4b	105.4.1	sourceIndicator	{smi2-att 26}	o		
	105.4.2	attributeIdentifierList	{smi2-att 8}			
	105.4.3	stateChangeDefinition	{smi2-att 28}	m		
	105.4.4	notificationIdentifier	{smi2-att 16}	o		
	105.4.5	correlatedNotifications	{smi2-att 12}	o		
	105.4.6	additionalText	{smi2-att 7}	o		
	105.4.7	additionalInformation	{smi2-att 6}	o		

4.18.7 Parameters

There are no parameters specified for the configuration management in this managed object class.

Annex A (informative): Bibliography

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History

Document history			
August 1994	Public Enquiry	PE 69:	1994-08-22 to 1994-12-16
September 1995	Vote	V 87:	1995-09-11 to 1995-11-03
November 1995	First Edition		