



**E**UROPEAN  
**T**ELECOMMUNICATION  
**S**TANDARD

**ETS 300 377-2**

November 1995

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Source: ETSI TC-SPS

Reference: DE/SPS-03013.4

ICS: 35.100.70

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

**Signalling Protocols and Switching (SPS);  
Q3 interface at the Local Exchange (LE)  
for configuration management of V5 interfaces and  
associated customer profiles;  
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 Local Exchange (LE) for configuration management of V5 interfaces and associated customer profiles";

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

The following standards are directly related to this ETS:

ETS 300 376: "Q3 interface at the Access Network (AN) for configuration management of V5 interfaces and associated user ports";

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 300 377 provides the Managed Object Conformance Statement (MOCS) proforma for the base standard ETS 300 377-1 [1]. It identifies the mandatory, conditional and optional elements of the information model specified in ETS 300 377-1 [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 300 377-1 (1994): "Signalling Protocols and Switching (SPS); Q3 interface at the Local Exchange (LE) for configuration management of V5 interfaces and associated customer profiles; 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(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 Network Management

## 4 Statements of conformance

Notwithstanding the provisions of the copyright Clause related to the text of this ETS, ETSI grants that users of this ETS may freely reproduce the MOCS proforma in this clause so that it can be used for its intended purposes and may further publish the completed MOCS.

### 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 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 3.

**Table 3: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
3.1a	v5Interface - managedElement	{v5Q(LE)-nb 1}	managedElement AND SUBCLASSES	m	

**Table 3 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
3.1b	c	c			
c: if 2.1.1 then m else -.					

#### 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 4.

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 4: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
4.1	peerManagedElementPackage	{v5Q(LE)-pkg 5}	o	
4.2	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
4.3	relationshipChangeNotificationPackage	{v5Q(LE)-pkg 6}	o	
4.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
4.5	operationalStatePackage	{m3100-pkg 19}	o	
4.6	v5availabilityStatusPackage	{smi2-pkg 22}	o	
4.7	userLabelPackage	{m3100-pkg 32}	o	
4.8	locationNamePackage	{m3100-pkg 17}	o	
4.9	objectManagementNotificationsPackage	{m3100-pkg 20}	o	
4.10	stateChangeNotificationsPackage	{m3100-pkg 28}	o	
4.11	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c2	
4.12	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c2	
4.13	packagesPackage	{smi2-pkg 16}	m	
4.14	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 5. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 5: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
5.1a	v5Interfaceld	{v5Q(LE)-att 34}	m	
5.2a	peerManagedElementId	{v5Q(LE)-att 25}	c1	
5.3a	supportedProtocolVersion	{v5Q(LE)-att 31}	m	
5.4a	serverV5Ttps	{v5Q(LE)-att 30}	m	
5.5a	clientUserPorts	{v5Q(LE)-att 14}	m	
5.6a	operationalState	{smi2-att 35}	c2	
5.7a	availabilityStatus	{smi2-att 33}	c3	
5.8a	supportedByObjectList	{m3100-att 40}	c4	
5.9a	userLabel	{m3100-att 50}	c5	
5.10a	locationName	{m3100-att 27}	c6	
5.11a	objectClass	{smi2-att 65}	m	
5.12a	nameBinding	{smi2-att 63}	m	
5.13a	packages	{smi2-att 66}	m	
5.14a	allomorpha	{smi2-att 50}	c7	
c1: if 4.1 then m else -.		c4: if 4.2 then m else -.		c7: if 4.14 then m else -.
c2: if 4.5 then m else -.		c5: if 4.7 then m else -.		
c3: if 4.6 then m else -.		c6: if 4.8 then m else -.		

**Table 5 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
5.1b	o	m	x	x	x	x
5.2b	m	m	m	x	x	x
5.3b	m	m	x	x	x	x
5.4b	x	m	x	x	x	x
5.5b	x	m	x	x	x	x
5.6b	x	m	x	x	x	x
5.7b	x	m	x	x	x	x
5.8b	m	m	x	x	x	x
5.9b	m	m	m	x	x	x
5.10b	m	m	m	x	x	x
5.11b	m	m	x	x	x	x
5.12b	m	m	x	x	x	x
5.13b	m	m	x	x	x	x
5.14b	m	m	x	x	x	x

Table 5 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
5.1c							
5.2c							
5.3c							
5.4c							
5.5c							
5.6c							
5.7c							
5.8c							
5.9c							
5.10c							
5.11c							
5.12c							
5.13c							
5.14c							

#### 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 6. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 6: Action support

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
6.1	setReciprocalPointer	{v5Q(LE)-act 1}	m		
6.2	releaseReciprocalPointer	{v5Q(LE)-act 2}	m		
6.3	restart	{v5Q(LE)-act 14}	m		
6.4	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 7. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

Table 7: Notification support

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
7.1a	objectCreation	{smi2-not 6}	c1			
7.2a	objectDeletion	{smi2-not 7}	c1			
7.3a	attributeValueChange	{smi2-not 1}	c1			
7.4a	stateChange	{smi2-not 14}	c2			
7.5a	relationshipChange	{smi2-not 12}	c3			
7.6a	restartResult	{v5Q(LE)-not 11}	m			
7.7a	systemStartupResult	{v5Q(LE)-not 12}	m			
c1:	if 4.9 then m else -.	c2	if 4.10 then m else -.	c3	if 4.3 then m else -.	

**Table 7 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
7.1b	7.1.1	sourceIndicator	{smi2-att 26}	o		
	7.1.2	attributeList	{smi2-att 9}	o		
	7.1.3	notificationIdentifier	{smi2-att 16}	o		
	7.1.4	correlatedNotifications	{smi2-att 12}	o		
	7.1.5	additionalText	{smi2-att 7}	o		
	7.1.6	additionalInformation	{smi2-att 6}	o		
7.2b	7.2.1	sourceIndicator	{smi2-att 26}	o		
	7.2.2	attributeList	{smi2-att 9}	o		
	7.2.3	notificationIdentifier	{smi2-att 16}	o		
	7.2.4	correlatedNotifications	{smi2-att 12}	o		
	7.2.5	additionalText	{smi2-att 7}	o		
	7.2.6	additionalInformation	{smi2-att 6}	o		
7.3b	7.3.1	sourceIndicator	{smi2-att 26}	o		
	7.3.2	attributeIdentifierList	{smi2-att 8}	o		
	7.3.3	AttributeValueChange Definition	{smi2-att 10}	m		
	7.3.4	notificationIdentifier	{smi2-att 16}	o		
	7.3.5	correlatedNotifications	{smi2-att 12}	o		
	7.3.6	additionalText	{smi2-att 7}	o		
	7.3.7	additionalInformation	{smi2-att 6}	o		
7.4b	7.4.1	sourceIndicator	{smi2-att 26}	o		
	7.4.2	attributeIdentifierList	{smi2-att 8}	o		
	7.4.3	stateChangeDefinition	{smi2-att 28}	m		
	7.4.4	notificationIdentifier	{smi2-att 16}	o		
	7.4.5	correlatedNotifications	{smi2-att 12}	o		
	7.4.6	additionalText	{smi2-att 7}	o		
	7.4.7	additionalInformation	{smi2-att 6}	o		
7.5b	7.5.1	sourceIndicator	{smi2-att 26}	o		
	7.5.2	attributeIdentifierList	{smi2-att 8}	o		
	7.5.3	relationshipChange Definition	{smi2-att 20}	m		
	7.5.4	notificationIdentifier	{smi2-att 16}	o		
	7.5.5	correlatedNotifications	{smi2-att 12}	o		
	7.5.6	additionalText	{smi2-att 7}	o		
	7.5.7	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 8: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
8.1	v5Ttp	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(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 9.

**Table 9: Feature support**

Index	Sub-Index		Support
9.1	9.1.1	Is configuration management supported?	
	9.1.2	Are all mandatory features for configuration management supported?	
9.2	9.2.1	Is fault management supported?	
	9.2.2	Are all mandatory features for fault management supported?	

#### 4.2.1 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 10.

**Table 10: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
10.1a	v5Ttp - managedElement	{v5Q(LE)-nb 2}	managedElement AND SUBCLASSES	m	

**Table 10 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
10.1b	c	c			
c: if 9.1.1 then m else -.					

#### 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 11.

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 11: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
11.1	neSpecificPointerPackage	{v5Q(LE)-pkg 4}	o	
11.2	v5AvailabilityStatusPackage	{v5Q(LE)-pkg 8}	o	
11.3	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
11.4	operationalStatePackage	{m3100-pkg 19}	m	
11.5	administrativeStatePackage	{smi2-pkg 14}	m	
11.6	supportableClientListPackage	{m3100-pkg 27}	o	
11.7	ttpInstancePackage	{m3100-pkg 31}	m	
11.8	createDeleteNotificationPackage	{m3100-pkg 10}	m	
11.9	stateChangeNotificationPackage	{m3100-pkg 28}	o	
11.10	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
11.11	crossConnectionPointerPackage	{m3100-pkg 11}	-	
11.12	characteristicInformationPackage	{m3100-pkg 7}	o	
11.13	networkLevelPackage	{m3100-pkg 18}	-	
11.14	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c	
11.15	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c	
11.16	packagesPackage	{smi2-pkg 16}	m	
11.17	allomorphicPackage	{smi2-pkg 17}	o	
c: if 9.2.1 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 12. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

Table 12: Attribute support

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
12.1a	assocV5Interface	{v5Q(LE)-att 8}	m	
12.2a	linkId	{v5Q(LE)-att 21}	m	
12.3a	blockingStatus	{v5Q(LE)-att 13}	m	
12.4a	supportedByObjectList	{m3100-att 40}	m	
12.5a	neSpecificPointer	{v5Q(LE)-att 22}	c1	
12.6a	operationalState	{smi2-att 35}	m	
12.7a	availabilityStatus	{smi2-att 33}	c2	
12.8a	upstreamConnectivityPointer	{m3100-att 49}	m	
12.9a	administrativeState	{smi2-att 31}	m	
12.10a	supportableClientList	{smi2-att 39}	c3	
12.11a	tPIId	{m3100-att 48}	m	
12.12a	downstreamConnectivityPointer	{m3100-att 19}	m	
12.13a	characteristicInformation	{m3100-att 8}	c4	
12.14a	objectClass	{smi2-att 65}	m	
12.15a	nameBinding	{smi2-att 63}	m	
12.16a	packages	{smi2-att 66}	m	
12.17a	allomorphs	{smi2-att 50}	c5	
c1:	if 11.1 then m else -.	c4:	if 11.12 then m else -.	
c2:	if 11.2 then m else -.	c5:	if 11.17 then m else -.	
c3:	if 11.6 then m else -.			

Table 12 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
12.1b	x	m	x	x	x	x
12.2b	m	m	m	x	x	x
12.3b	m	m	x	x	x	x
12.4b	m	m	x	x	x	x
12.5b	m	m	x	x	x	x
12.6b	x	m	x	x	x	x
12.7b	x	m	x	x	x	x
12.8b	o	m	x	x	x	x
12.9b	m	m	m	x	x	x
12.10b	m	m	x	x	x	x
12.11b	o	m	x	x	x	x
12.12b	o	m	x	x	x	x
12.13b	m	m	x	x	x	x
12.14b	m	m	x	x	x	x
12.15b	m	m	x	x	x	x
12.16b	m	m	x	x	x	x
12.17b	m	m	x	x	x	x



**Table 12 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
12.1c							
12.2c							
12.3c							
12.4c							
12.5c							
12.6c							
12.7c							
12.8c							
12.9c							
12.10c							
12.11c							
12.12c							
12.13c							
12.14c							
12.15c							
12.16c							
12.17c							

#### 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 13. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 13: Action support**

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
13.1	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 14. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 14: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
14.1a	objectCreation	{smi2-not 6}	m			
14.2a	objectDeletion	{smi2-not 7}	m			
14.3a	attributeValueChange	{smi2-not 1}	c1			
14.4a	stateChange	{smi2-not 14}	c2			
14.5a	shutdownRejected	{v5(LE)-not 5}	m			
14.6a	checkLinkIdResult	{v5(LE)-not 10}	c3			

c1: if 12.10 then m else -.  
c2: if 12.9 then m else -.  
c3: if v5.2 then m else -.

**Table 14 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
14.1b	14.1.1	sourceIndicator	{smi2-att 26}	o		
	14.1.2	attributeList	{smi2-att 9}	o		
	14.1.3	notificationIdentifier	{smi2-att 16}	o		
	14.1.4	correlatedNotifications	{smi2-att 12}	o		
	14.1.5	additionalText	{smi2-att 7}	o		
	14.1.6	additionalInformation	{smi2-att 6}	o		
14.2b	14.2.1	sourceIndicator	{smi2-att 26}	o		
	14.2.2	attributeList	{smi2-att 9}	o		
	14.2.3	notificationIdentifier	{smi2-att 16}	o		
	14.2.4	correlatedNotifications	{smi2-att 12}	o		
	14.2.5	additionalText	{smi2-att 7}	o		
	14.2.6	additionalInformation	{smi2-att 6}	o		
14.3b	14.3.1	sourceIndicator	{smi2-att 26}	o		
	14.3.2	attributeIdentifierList	{smi2-att 8}	o		
	14.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	14.3.4	notificationIdentifier	{smi2-att 16}	o		
	14.3.5	correlatedNotifications	{smi2-att 12}	o		
	14.3.6	additionalText	{smi2-att 7}	o		
	14.3.7	additionalInformation	{smi2-att 6}	o		
14.4b	14.4.1	sourceIndicator	{smi2-att 26}	o		
	14.4.2	attributeIdentifierList	{smi2-att 8}	o		
	14.4.3	stateChangeDefinition	{smi2-att 28}	m		
	14.4.4	notificationIdentifier	{smi2-att 16}	o		
	14.4.5	correlatedNotifications	{smi2-att 12}	o		
	14.4.6	additionalText	{smi2-att 7}	o		
	14.4.7	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 15: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
15.1	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 16.

**Table 16: Feature support**

Index	Sub-Index		Support
16.1	16.1.1	Is configuration management supported?	
	16.1.2	Are all mandatory features for configuration management supported?	
16.2	16.2.1	Is fault management supported?	
	16.2.2	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 17.

**Table 17: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
17.1a	v5TimeSlot - v5Ttp	{v5Q(LE)-nb 3}	v5Ttp	m	

**Table 17 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
17.1b	c	c			
c: if 16.1.1 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 18.

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 18: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
18.1	operationalStatePackage	{m3100-pkg 19}	m	
18.2	ctpInstancePackage	{m3100-pkg 12}	m	
18.3	createDeleteNotificationsPackage	{m3100-pkg 10}	m	
18.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
18.5	v5TsAdministrativeStatePackage	{v5Q(LE)-pkg 11}	m	
18.6	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c	
18.7	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c	
18.8	channelNumberPackage	{m3100-pkg 6}	o	
18.9	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
18.10	stateChangeNotificationPackage	{m3100-pkg28}	o	
18.11	crossConnectionPointerPackage	{m3100-pkg 11}	-	
18.12	characteristicInformationPackage	{m3100-pkg 7}	o	
18.13	networkLevelPackage	{m3100-pkg 18}	-	
18.14	packagesPackage	{smi2-pkg 16}	m	
18.15	allomorphicPackage	{smi2-pkg 17}	o	
c: if 16.2.1 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 19. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 19: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
19.1a	v5ChannelType	{v5Q(LE)-att 33}	m	
19.2a	assocResource	{v5Q(LE)-att 6}	m	
19.3a	operationalState	{smi2-att 35}	m	
19.4a	cTPIId	{m3100-att 13}	m	
19.5a	administrativeState	{smi2-att 31}	m	
19.6a	downstreamConnectivityPointer	{m3100-att 19}	m	
19.7a	upstreamConnectivityPointer	{m3100-att 49}	m	
19.8a	supportedByObjectList	{m3100-att 40}	m	
19.9a	channelNumber	{m3100-att 7}	c1	
19.10a	characteristicInformation	{m3100-att 8}	c2	
19.11a	objectClass	{smi2-att 65}	m	
19.12a	nameBinding	{smi2-att 63}	m	
19.13a	packages	{smi2-att 66}	m	
19.14a	allomorpha	{smi2-att 50}	c3	

c1: if 18.8 then m else -.  
c2: if 18.12 then m else -.  
c3: if 18.13 then m else -.

**Table 19 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
19.1b	m	m	m	x	x	x
19.2b	x	m	x	x	x	x
19.3b	x	m	x	x	x	x
19.4b	o	m	x	x	x	x
19.5b	m	m	m	x	x	x
19.6b	o	m	x	x	x	x
19.7b	o	m	x	x	x	x
19.8b	m	m	x	x	x	x
19.9b	m	m	x	x	x	x
19.10b	m	m	x	x	x	x
19.11b	m	m	x	x	x	x
19.12b	m	m	x	x	x	x
19.13b	m	m	x	x	x	x
19.14b	m	m	x	x	x	x

**Table 19 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
19.1c							
19.2c							
19.3c							
19.4c							
19.5c							
19.6c							
19.7c							
19.8c							
19.9c							
19.10c							
19.11c							
19.12c							
19.13c							
19.14c							

**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 20. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 20: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
20.1a	objectCreation	{smi2-not 6}	m			
20.2a	objectDeletion	{smi2-not 7}	m			
20.3a	attributeValueChange	{smi2-not 1}	c1			
20.4a	stateChange	{smi2-not 14}	c2			
c1: if 18.9 then m else -.						
c2: if 18.10 then m else -.						

**Table 20 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
20.1b	20.1.1	sourceIndicator	{smi2-att 26}	o		
	20.1.2	attributeList	{smi2-att 9}	o		
	20.1.3	notificationIdentifier	{smi2-att 16}	o		
	20.1.4	correlatedNotifications	{smi2-att 12}	o		
	20.1.5	additionalText	{smi2-att 7}	o		
	20.1.6	additionalInformation	{smi2-att 6}	o		
20.2b	20.2.1	sourceIndicator	{smi2-att 26}	o		
	20.2.2	attributeList	{smi2-att 9}	o		
	20.2.3	notificationIdentifier	{smi2-att 16}	o		
	20.2.4	correlatedNotifications	{smi2-att 12}	o		
	20.2.5	additionalText	{smi2-att 7}	o		
	20.2.6	additionalInformation	{smi2-att 6}	o		
20.3b	20.3.1	sourceIndicator	{smi2-att 26}	o		
	20.3.2	attributeIdentifierList	{smi2-att 8}	o		
	20.3.3	attributeValueChangeDefinition	{smi2-att 10}	m		
	20.3.4	notificationIdentifier	{smi2-att 16}	o		
	20.3.5	correlatedNotifications	{smi2-att 12}	o		
	20.3.6	additionalText	{smi2-att 7}	o		
	20.3.7	additionalInformation	{smi2-att 6}	o		
20.4b	20.4.1	sourceIndicator	{smi2-att 26}	o		
	20.4.2	attributeIdentifierList	{smi2-att 8}	o		
	20.4.3	stateChangeDefinition	{smi2-att 28}	m		
	20.4.4	notificationIdentifier	{smi2-att 16}	o		
	20.4.5	correlatedNotifications	{smi2-att 12}	o		
	20.4.6	additionalText	{smi2-att 7}	o		
	20.4.7	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 21: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
21.1	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 22.

**Table 22: Feature support**

Index	Sub-Index		Support
22.1	22.1.1	Is configuration management supported?	
	22.1.2	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 23.

**Table 23: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
23.1a	v5Provision - v5Interface	{v5Q(LE)-nb 4}	v5Interface	m	

**Table 23 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
23.1b	c	c			
c: if 22.1.1 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 24.

**Table 24: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
24.1	leSwitchOverToNewVariantPackage	{v5Q(LE)-pkg 3}	m	
24.2	anSwitchOverToNewVariantPackage	{v5Q(LE)-pkg 1}	-	
24.3	packagesPackage	{smi2-pkg 16}	m	
24.4	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 25. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 25: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
25.1a	provId	{v5Q(LE)-att 28}	m	
25.2a	ownProvVariant	{v5Q(LE)-att 24}	m	
25.3a	objectClass	{smi2-att 65}	m	
25.4a	nameBinding	{smi2-att 63}	m	
25.5a	packages	{smi2-att 66}	m	
25.6a	allomorphs	{smi2-att 50}	c	
c: if 24.4 then m else -.				

**Table 25 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
25.1b	o	m	x	x	x	x
25.2b	m	m	m	x	x	x
25.3b	m	m	x	x	x	x
25.4b	m	m	x	x	x	x
25.5b	m	m	x	x	x	x
25.6b	m	m	x	x	x	x

**Table 25 (concluded): Attribute support**

Index	SetByCreate	Get	Replace	Add	Remove	SetToDefault	Additional information
25.1c							
25.2c							
25.3c							
25.4c							
25.5c							
25.6c							

#### 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 26. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 26: Action support**

Index	Action type template label	Value of action type identifier	Status	Support	Additional information
26.1	verifyRemoteProvVariant	{v5Q(LE)-act 3}	m		
26.2	requestRemoteProvVariant	{v5Q(LE)-act 6}	m		
26.3	cannotReprovison	{v5Q(LE)-act 10}	m		
26.4	readyForReprovisioning	{v5Q(LE)-act 4}	m		
26.5	notReadyForReprovisioning	{v5Q(LE)-act 5}	m		
26.6	switchOverToNewVariant	{v5Q(LE)-act 7}	m		
26.7	leBlockingStarted	{v5Q(LE)-act 9}	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 27. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 27: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
27.1a	switchOverRequest	{v5Q(LE)-not 1}	m			
27.2a	verifyRequest	{v5Q(LE)-not 3}	m			
27.3a	switchOverToNewVariantResult	{v5Q(LE)-not 8}	m			
27.4a	verifyRemoteProvVariantResult	{v5Q(LE)-not 7}	m			
27.5a	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 28: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
28.1	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 29.

**Table 29: Feature support**

Index	Sub-Index		Support
29.1	29.1.1	Is configuration management supported?	
	29.1.2	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 30.

**Table 30: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
30.1a	commChannel - v5Interface	{v5Q(LE)-nb 7}	v5Interface	m	

**Table 30 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
30.1b	c	c			

c: if 29.1.1 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 31.

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 31: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
31.1	operationalStatePackage	{m3100-pkg 19}	m	
31.2	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
31.3	supportedByObjectListPackage	{v5Q(LE)-pkg 4}	c	
31.4	packagesPackage	{smi2-pkg 16}	m	
31.5	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 32. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 32: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
32.1a	commChannelId	{v5Q(LE)-att 15}	m	
32.2a	assocV5TimeSlot	{v5Q(LE)-att 9}	m	
32.3a	assocV5CommPaths	{v5Q(LE)-att 7}	m	
32.4a	operationalState	{smi2-att 35}	m	
32.5a	supportedByObjectList	{m3100-att 40}	c1	
32.6a	objectClass	{smi2-att 65}	m	
32.7a	nameBinding	{smi2-att 63}	m	
32.8a	packages	{smi2-att 66}	c2	
32.9a	allomorphs	{smi2-att 50}	c3	
c1: if 31.3 then m else -. c2: if 31.4 then m else -. c3: if 31.5 then m else -.				

**Table 32 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
32.1b	o	m	x	x	x	x
32.2b	x	m	x	x	x	x
32.3b	x	m	x	x	x	x
32.4b	x	m	x	x	x	x
32.5b	m	m	x	x	x	x
32.6b	m	m	x	x	x	x
32.7b	m	m	x	x	x	x
32.8b	m	m	x	x	x	x
32.9b	m	m	x	x	x	x

**Table 32 (concluded): Attribute support**

Index	SetByCreate	Get	Replace	Add	Remove	SetToDefault	Additional information
32.1c							
32.2c							
32.3c							
32.4c							
32.5c							
32.6c							
32.7c							
32.8c							
32.9c							

### 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 33. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 33: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
33.1a	objectCreation	{smi2-not 6}	m			
33.2a	objectDeletion	{smi2-not 7}	m			

**Table 33 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
33.1b	33.1.1	sourceIndicator	{smi2-att 26}	o		
	33.1.2	attributeList	{smi2-att 9}	o		
	33.1.3	notificationIdentifier	{smi2-att 16}	o		
	33.1.4	correlatedNotifications	{smi2-att 12}	o		
	33.1.5	additionalText	{smi2-att 7}	o		
	33.1.6	additionalInformation	{smi2-att 6}	o		
33.2b	33.2.1	sourceIndicator	{smi2-att 26}	o		
	33.2.2	attributeList	{smi2-att 9}	o		
	33.2.3	notificationIdentifier	{smi2-att 16}	o		
	33.2.4	correlatedNotifications	{smi2-att 12}	o		
	33.2.5	additionalText	{smi2-att 7}	o		
	33.2.6	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 34: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
34.1	isdnCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 13}	c	
c: if 88.1 or 94.1 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 35.

**Table 35: Feature support**

Index	Sub-Index		Support
35.1	35.1.1	Is configuration management supported?	
	35.1.2	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 36.

**Table 36: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
36.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

**Table 36 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
36.1b	c	c			
c: if 35.1.1 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 37.

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 37: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
37.1	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
37.2	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c	
37.3	packagesPackage	{smi2-pkg 16}	m	
37.4	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 38. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 38: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
38.1a	clientUserPort	{v5Q(LE)-att 14}	m	
38.2a	dataType	{v5Q(LE)-att 18}	m	
38.3a	commPathId	{v5Q(LE)-att 16}	m	
38.4a	assocCommChannel	{v5Q(LE)-att 1}	m	
38.5a	supportedByObjectList	{m3100-att 40}	c1	
38.6a	objectClass	{smi2-att 65}	m	
38.7a	nameBinding	{smi2-att 63}	m	
38.8a	packages	{smi2-att 66}	m	
38.9a	allomorphs	{smi2-att 50}	c2	
c1: if 37.2 then m else -.				
c2: if 37.4 then m else -.				

**Table 38 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
38.1b	x	m	x	x	x	x
38.2b	m	m	m	x	x	x
38.3b	o	m	x	x	x	x
38.4b	x	m	x	x	x	x
38.5b	m	m	x	x	x	x
38.6b	m	m	x	x	x	x
38.7b	m	m	x	x	x	x
38.8b	m	m	x	x	x	x
38.9b	m	m	x	x	x	x

**Table 38 (concluded): Attribute support**

Index	SetByCreate	Get	Replace	Add	Remove	SetToDefault	Additional information
38.1c							
38.2c							
38.3c							
38.4c							
38.5c							
38.6c							
38.7c							
38.8c							
38.9c							

**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 39. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 39: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
39.1a	objectCreation	{smi2-not 6}	m			
39.2a	objectDeletion	{smi2-not 7}	m			

**Table 39 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
39.1b	39.1.1	sourceIndicator	{smi2-att 26}	o		
	39.1.2	attributeList	{smi2-att 9}	o		
	39.1.3	notificationIdentifier	{smi2-att 16}	o		
	39.1.4	correlatedNotifications	{smi2-att 12}	o		
	39.1.5	additionalText	{smi2-att 7}	o		
	39.1.6	additionalInformation	{smi2-att 6}	o		
39.2b	39.2.1	sourceIndicator	{smi2-att 26}	o		
	39.2.2	attributeList	{smi2-att 9}	o		
	39.2.3	notificationIdentifier	{smi2-att 16}	o		
	39.2.4	correlatedNotifications	{smi2-att 12}	o		
	39.2.5	additionalText	{smi2-att 7}	o		
	39.2.6	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 40: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
40.1	pstnCommPath	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 14}	c	
c: if 100.1 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 41.

**Table 41: Feature support**

Index	Sub-Index		Support
41.1	41.1.1	Is configuration management supported?	
	41.1.2	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 42.

**Table 42: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
42.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

**Table 42 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
42.1b	c	c			
c: if 41.1.1 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 43.

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 43: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
43.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
43.2	packagesPackage	{smi2-pkg 16}	c2	
43.3	allomorphicPackage	{smi2-pkg 17}	o	
43.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 43.1 or 43.3 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 44. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 44: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
44.1a	commPathId	{v5Q(LE)-att 16}	m	
44.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
44.3a	supportedByObjectList	{m3100-att 40}	c1	
44.4a	objectClass	{smi2-att 65}	m	
44.5a	nameBinding	{smi2-att 63}	m	
44.6a	packages	{smi2-att 66}	c2	
44.7a	allomorphs	{smi2-att 50}	c3	
c1: if 43.1 then m else -.				
c2: if 43.2 then m else -.				
c3: if 43.3 then m else -.				

**Table 44 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
44.1b	o	m	x	x	x	x
44.2b	x	m	x	x	x	x
44.3b	m	m	x	x	x	x
44.4b	m	m	x	x	x	x
44.5b	m	m	x	x	x	x
44.6b	m	m	x	x	x	x
44.7b	m	m	x	x	x	x

**Table 44 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
44.1c							
44.2c							
44.3c							
44.4c							
44.5c							
44.6c							
44.7c							

#### 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 45. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 45: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
45.1a	objectCreation	{smi2-not 6}	m			
45.2a	objectDeletion	{smi2-not 7}	m			

**Table 45 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
45.1b	45.1.1	sourceIndicator	{smi2-att 26}	o		
	45.1.2	attributeList	{smi2-att 9}	o		
	45.1.3	notificationIdentifier	{smi2-att 16}	o		
	45.1.4	correlatedNotifications	{smi2-att 12}	o		
	45.1.5	additionalText	{smi2-att 7}	o		
	45.1.6	additionalInformation	{smi2-att 6}	o		
45.2b	45.2.1	sourceIndicator	{smi2-att 26}	o		
	45.2.2	attributeList	{smi2-att 9}	o		
	45.2.3	notificationIdentifier	{smi2-att 16}	o		
	45.2.4	correlatedNotifications	{smi2-att 12}	o		
	45.2.5	additionalText	{smi2-att 7}	o		
	45.2.6	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 46: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
46.1	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 47.

**Table 47: Feature support**

Index	Sub-Index		Support
47.1	47.1.1	Is configuration management supported?	
	47.1.2	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 48.

**Table 48: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
48.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

**Table 48 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
48.1b	c	c			
c: if 47.1.1 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 49.

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 49: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
49.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
49.2	packagesPackage	{smi2-pkg 16}	c2	
49.3	allomorphicPackage	{smi2-pkg 17}	o	
49.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 49.1 or 49.3 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 50. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.



**Table 50: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
50.1a	commPathId	{v5Q(LE)-att 16}	m	
50.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
50.3a	supportedByObjectList	{m3100-att 40}	c1	
50.4a	objectClass	{smi2-att 65}	m	
50.5a	nameBinding	{smi2-att 63}	m	
50.6a	packages	{smi2-att 66}	c2	
50.7a	allomorphs	{smi2-att 50}	c3	
c1: if 49.1 then m else -.				
c2: if 49.2 then m else -.				
c3: if 49.3 then m else -.				

**Table 50 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
50.1b	o	m	x	x	x	x
50.2b	x	m	x	x	x	x
50.3b	m	m	x	x	x	x
50.4b	m	m	x	x	x	x
50.5b	m	m	x	x	x	x
50.6b	m	m	x	x	x	x
50.7b	m	m	x	x	x	x

**Table 50 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
50.1c							
50.2c							
50.3c							
50.4c							
50.5c							
50.6c							
50.7c							

#### 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 51. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 51: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
51.1a	objectCreation	{smi2-not 6}	m			
51.2a	objectDeletion	{smi2-not 7}	m			

**Table 51 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
51.1b	51.1.1	sourceIndicator	{smi2-att 26}	o		
	51.1.2	attributeList	{smi2-att 9}	o		
	51.1.3	notificationIdentifier	{smi2-att 16}	o		
	51.1.4	correlatedNotifications	{smi2-att 12}	o		
	51.1.5	additionalText	{smi2-att 7}	o		
	51.1.6	additionalInformation	{smi2-att 6}	o		
51.2b	51.2.1	sourceIndicator	{smi2-att 26}	o		
	51.2.2	attributeList	{smi2-att 9}	o		
	51.2.3	notificationIdentifier	{smi2-att 16}	o		
	51.2.4	correlatedNotifications	{smi2-att 12}	o		
	51.2.5	additionalText	{smi2-att 7}	o		
	51.2.6	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 52: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
52.1	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 53.

**Table 53: Feature support**

Index	Sub-Index		Support
53.1	53.1.1	Is configuration management supported?	
	53.1.2	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 54.

**Table 54: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
54.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

**Table 54 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
54.1b	c	c			
c: if 53.1.1 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 55.

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 55: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
55.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
55.2	packagesPackage	{smi2-pkg 16}	c2	
55.3	allomorphicPackage	{smi2-pkg 17}	o	
55.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 55.1 or 55.3 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 56. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 56: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
56.1a	commPathId	{v5Q(LE)-att 16}	m	
56.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
56.3a	supportedByObjectList	{m3100-att 40}	c1	
56.4a	objectClass	{smi2-att 65}	m	
56.5a	nameBinding	{smi2-att 63}	m	
56.6a	packages	{smi2-att 66}	c2	
56.7a	allomorphs	{smi2-att 50}	c3	
c1: if 55.1 then m else -.				
c2: if 55.2 then m else -.				
c3: if 55.3 then m else -.				

**Table 56 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
56.1b	o	m	x	x	x	x
56.2b	x	m	x	x	x	x
56.3b	m	m	x	x	x	x
56.4b	m	m	x	x	x	x
56.5b	m	m	x	x	x	x
56.6b	m	m	x	x	x	x
56.7b	m	m	x	x	x	x

**Table 56 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
56.1c							
56.2c							
56.3c							
56.4c							
56.5c							
56.6c							
56.7c							

**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 57. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 57: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
57.1a	objectCreation	{smi2-not 6}	m			
57.2a	objectDeletion	{smi2-not 7}	m			

**Table 57 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
57.1b	57.1.1	sourceIndicator	{smi2-att 26}	o		
	57.1.2	attributeList	{smi2-att 9}	o		
	57.1.3	notificationIdentifier	{smi2-att 16}	o		
	57.1.4	correlatedNotifications	{smi2-att 12}	o		
	57.1.5	additionalText	{smi2-att 7}	o		
	57.1.6	additionalInformation	{smi2-att 6}	o		
57.2b	57.2.1	sourceIndicator	{smi2-att 26}	o		
	57.2.2	attributeList	{smi2-att 9}	o		
	57.2.3	notificationIdentifier	{smi2-att 16}	o		
	57.2.4	correlatedNotifications	{smi2-att 12}	o		
	57.2.5	additionalText	{smi2-att 7}	o		
	57.2.6	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 58: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
58.1	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 59.

**Table 59: Feature support**

Index	Sub-Index		Support
59.1	59.1.1	Is configuration management supported?	
	59.1.2	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 60.

**Table 60: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
60.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

**Table 60 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
60.1b	c	c			
c: if 59.1.1 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 61.

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 61: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
61.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
61.2	packagesPackage	{smi2-pkg 16}	c2	
61.3	allomorphicPackage	{smi2-pkg 17}	o	
61.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -.				
c2: if 61.1 or 61.3 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 62. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 62: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
62.1a	commPathId	{v5Q(LE)-att 16}	m	
62.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
62.3a	assocProtectionGroup	{v5Q(LE)-att 5}	m	
62.4a	supportedByObjectList	{m3100-att 40}	c1	
62.5a	objectClass	{smi2-att 65}	m	
62.6a	nameBinding	{smi2-att 63}	m	
62.7a	packages	{smi2-att 66}	c2	
62.8a	allomorphs	{smi2-att 50}	c3	
c1: if 61.1 then m else -. c2: if 61.2 then m else -. c3: if 61.3 then m else -.				

**Table 62 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
62.1b	o	m	x	x	x	x
62.2b	x	m	x	x	x	x
62.3b	m	m	m	x	x	x
62.4b	m	m	x	x	x	x
62.5b	m	m	x	x	x	x
62.6b	m	m	x	x	x	x
62.7b	m	m	x	x	x	x
62.8b	m	m	x	x	x	x

**Table 62 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
62.1c							
62.2c							
62.3c							
62.4c							
62.5c							
62.6c							
62.7c							
62.8c							

**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 63. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 63: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
63.1a	objectCreation	{smi2-not 6}	m			
63.2a	objectDeletion	{smi2-not 7}	m			

**Table 63 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
63.1b	63.1.1	sourceIndicator	{smi2-att 26}	o		
	63.1.2	attributeList	{smi2-att 9}	o		
	63.1.3	notificationIdentifier	{smi2-att 16}	o		
	63.1.4	correlatedNotifications	{smi2-att 12}	o		
	63.1.5	additionalText	{smi2-att 7}	o		
	63.1.6	additionalInformation	{smi2-att 6}	o		
63.2b	63.2.1	sourceIndicator	{smi2-att 26}	o		
	63.2.2	attributeList	{smi2-att 9}	o		
	63.2.3	notificationIdentifier	{smi2-att 16}	o		
	63.2.4	correlatedNotifications	{smi2-att 12}	o		
	63.2.5	additionalText	{smi2-att 7}	o		
	63.2.6	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 64: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
64.1	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 65.

**Table 65: Feature support**

Index	Sub-Index		Support
65.1	65.1.1	Is configuration management supported?	
	65.1.2	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 66.

**Table 66: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
66.1a	commPath - v5Interface	{v5Q(LE)-nb 8}	v5Interface	m	

**Table 66 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
66.1b	c	c			
c: if 65.1.1 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 67.

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 67: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
67.1	supportedByObjectListPackage	{v5Q(LE)-pkg 7}	c1	
67.2	packagesPackage	{smi2-pkg 16}	c2	
67.3	allomorphicPackage	{smi2-pkg 17}	o	
67.4	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
c1: if the information model is not only used for provisioning then m else -. c2: if 67.1 or 67.3 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 68. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 68: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
68.1a	commPathId	{v5Q(LE)-att 16}	m	
68.2a	assocCommChannel	{v5Q(LE)-att 1}	m	
68.3a	supportedByObjectList	{m3100-att 40}	c1	
68.4a	objectClass	{smi2-att 65}	m	
68.5a	nameBinding	{smi2-att 63}	m	
68.6a	packages	{smi2-att 66}	c2	
68.7a	allomorphs	{smi2-att 50}	c3	
c1: if 67.1 then m else -. c2: if 67.2 then m else -. c3: if 67.3 then m else -.				

**Table 68 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
68.1b	o	m	x	x	x	x
68.2b	x	m	x	x	x	x
68.3b	m	m	x	x	x	x
68.4b	m	m	x	x	x	x
68.5b	m	m	x	x	x	x
68.6b	m	m	x	x	x	x
68.7b	m	m	x	x	x	x

**Table 68 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
68.1c							
68.2c							
68.3c							
68.4c							
68.5c							
68.6c							
68.7c							



#### 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 69. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 69: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
69.1a	objectCreation	{smi2-not 6}	m			
69.2a	objectDeletion	{smi2-not 7}	m			

**Table 69 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
69.1b	69.1.1	sourceIndicator	{smi2-att 26}	o		
	69.1.2	attributeList	{smi2-att 9}	o		
	69.1.3	notificationIdentifier	{smi2-att 16}	o		
	69.1.4	correlatedNotifications	{smi2-att 12}	o		
	69.1.5	additionalText	{smi2-att 7}	o		
	69.1.6	additionalInformation	{smi2-att 6}	o		
69.2b	69.2.1	sourceIndicator	{smi2-att 26}	o		
	69.2.2	attributeList	{smi2-att 9}	o		
	69.2.3	notificationIdentifier	{smi2-att 16}	o		
	69.2.4	correlatedNotifications	{smi2-att 12}	o		
	69.2.5	additionalText	{smi2-att 7}	o		
	69.2.6	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 70: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
70.1	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 71.

**Table 71: Feature support**

Index	Sub-Index		Support
71.1	71.1.1	Is configuration management supported?	
	71.1.2	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 72.

**Table 72: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
72.1a	v5ProtectionGroup - v5Interface	{v5Q(LE)-nb 9}	v5Interface	m	

**Table 72 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
72.1b	c	c			
c: if 71.1.1 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 73.

**Table 73: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
73.1	v5ProtectionAnSwitchPackage	{v5Q(LE)-pkg 9}	-	
73.2	v5ProtectionLeSwitchPackage	{v5Q(LE)-pkg 10}	m	
73.3	packagesPackage	{smi2-pkg 16}	m	
73.4	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 74. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 74: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
74.1a	v5ProtectionGroupId	{v5Q(LE)-att 35}	m	
74.2a	v5ProtectionGroupType	{v5Q(LE)-att 37}	m	
74.3a	v5ProtectionGroup Number	{v5Q(LE)-att 36}	m	
74.4a	objectClass	{smi2-att 65}	m	
74.5a	nameBinding	{smi2-att 63}	m	
74.6a	packages	{smi2-att 66}	m	
74.7a	allomorphs	{smi2-att 50}	c	
c: if 73.4 then m else -.				

**Table 74 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
74.1b	o	m	x	x	x	x
74.2b	m	m	m	x	x	x
74.3b	m	m	x	x	x	x
74.4b	m	m	x	x	x	x
74.5b	m	m	x	x	x	x
74.6b	m	m	x	x	x	x
74.7b	m	m	x	x	x	x

**Table 74 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
74.1c							
74.2c							
74.3c							
74.4c							
74.5c							
74.6c							
74.7c							

#### 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 75. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 75: Action support**

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

#### 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 76. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 76: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
76.1a	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 77: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
77.1	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 78.

Table 78: Feature support

Index	Sub-Index		Support
78.1	78.1.1	Is configuration management supported?	
	78.1.2	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 79.

Table 79: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
79.1a	v5ProtectionUnit - v5ProtectionGroup	{v5Q(LE)-nb 12}	v5ProtectionGroup	m	

Table 79 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
79.1b	c	c			
c: if 78.1.1 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 80.

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 80: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
80.1	packagesPackage	{smi2-pkg 16}	c	
80.2	allomorphicPackage	{smi2-pkg 17}	o	
c: if 80.2 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 81. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 81: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
81.1a	v5ProtectionUnitId	{v5Q(LE)-att 38}	m	
81.2a	protecting	{v5Q(LE)-att 27}	m	
81.3a	reliableResourcePointer	{v5Q(LE)-att 29}	m	
81.4a	unreliableResourcePointer	{v5Q(LE)-att 32}	m	
81.5a	configuredReliableResourcePointer	{v5Q(LE)-att 17}	m	
81.6a	objectClass	{smi2-att 65}	m	
81.7a	nameBinding	{smi2-att 63}	m	
81.8a	packages	{smi2-att 66}	c1	
81.9a	allomorphs	{smi2-att 50}	c2	
c1: if 80.1 then m else -.				
c2: if 80.2 then m else -.				

**Table 81 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
81.1b	o	m	x	x	x	x
81.2b	m	m	x	x	x	x
81.3b	m	m	x	x	x	x
81.4b	m	m	x	x	x	x
81.5b	m	m	m	x	x	x
81.6b	m	m	x	x	x	x
81.7b	m	m	x	x	x	x
81.8b	m	m	x	x	x	x
81.9b	m	m	x	x	x	x

**Table 81 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
81.1c							
81.2c							
81.3c							
81.4c							
81.5c							
81.6c							
81.7c							
81.8c							
81.9c							

### 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 virtualAccessChannel

Table 82: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
82.1	virtualAccessChannel	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 10}	c	
c: if service profiles are assigned on a per channel basis (e.g. PL services, semipermanent connections) then m else o.				

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 83.

Table 83: Feature support

Index	Sub-Index		Support
83.1	83.1.1	Is configuration management supported?	
	83.1.2	Are all mandatory features for configuration management supported?	
83.2	83.2.1	Is fault management supported?	
	83.2.2	Are all mandatory features for fault management supported?	

4.14.1 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 84.

Table 84: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
84.1a	virtualAccessChannel - virtualAccessPort	{v5Q(LE)-nb 6}	virtualAccessPort AND SUBCLASSES	m	

Table 84 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
84.1b	c	c			
c: if 83.1.1 then m else -.					

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 85.

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 85: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
85.1	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
85.2	ctpInstancePackage	{m3100-pkg 12}	m	
85.3	adminStatePkg	{admin-pkg 2}	o	
85.4	channelNumberPackage	{m3100-pkg 6}	o	
85.5	operationalStatePackage	{m3100-pkg 19}	o	
85.6	supportableClientListPackage	{m3100-pkg 27}	o	
85.7	createDeleteNotificationsPackage	{m3100-pkg 10}	o	
85.8	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
85.9	stateChangeNotificationPackage	{m3100-pkg 28}	o	
85.10	crossConnectionPointerPackage	{m3100-pkg 11}	-	
85.11	characteristicInformationPackage	{m3100-pkg 7}	o	
85.12	networkLevelPackage	{m3100-pkg 18}	-	
85.13	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c	
85.14	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c	
85.15	packagesPackage	{smi2-pkg 16}	m	
85.16	allomorphicPackage	{smi2-pkg 17}	o	
c: if 83.2.1 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 86. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 86: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
86.1a	cTPIId	{m3100-att 13}	m	
86.2a	supportedByObjectList	{m3100-att 40}	m	
86.3a	upstreamConnectivityPointer	{m3100-att 49}	m	
86.4a	downstreamConnectivityPointer	{m3100-att 19}	m	
86.5a	channelNumber	{m3100-att 7}	o	
86.6a	channelRate	{admin-att 22}	m	
86.7a	channelType	{admin-att 23}	m	
86.8a	assocOwnerCustomizedResources	{admin-att 13}	m	
86.9a	permanentLineReservation	{v5Q(LE)-att 26}	m	
86.10a	assocV5TimeSlot	{v5Q(LE)-att 9}	m	
86.11a	administrativeState	{smi2-att 31}	c1	
86.12a	operationalState	{smi2-att 35}	c2	
86.13a	supportableClientList	{smi2-att 39}	c3	
86.14a	characteristicInformation	{m3100-att 8}	c4	
86.15a	objectClass	{smi2-att 65}	m	
86.16a	nameBinding	{smi2-att 63}	m	
86.17a	packages	{smi2-att 66}	m	
86.18a	allomorphs	{smi2-att 50}	c5	
c1: if 85.3 then m else -.				
c2: if 85.5 then m else -.				
c3: if 85.10 then m else -.				
c4: if 85.11 then m else -.				
c5: if 85.16 then m else -.				

**Table 86 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
86.1b	o	m	x	x	x	x
86.2b	m	m	x	x	x	x
86.3b	o	m	x	x	x	x
86.4b	o	m	x	x	x	x
86.5b	m	m	x	x	x	x
86.6b	m	m	m	x	x	x
86.7b	m	m	m	x	x	x
86.8b	o	m	m	m	m	m
86.9b	m	m	m	x	x	x
86.10b	x	m	x	x	x	x
86.11b	m	m	m	x	x	x
86.12b	x	m	x	x	x	x
86.13b	m	m	x	x	x	x
86.14b	m	m	x	x	x	x
86.15b	m	m	x	x	x	x
86.16b	m	m	x	x	x	x
86.17b	m	m	x	x	x	x
86.18b	m	m	x	x	x	x

**Table 86 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
86.1c							
86.2c							
86.3c							
86.4c							
86.5c							
86.6c							
86.7c							
86.8c							
86.9c							
86.10c							
86.11c							
86.12c							
86.13c							
86.14c							
86.15c							
86.16c							
86.17c							
86.18c							

**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 87. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.



**Table 87: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
87.1a	objectCreation	{smi2-not 6}	c1			
87.2a	objectDeletion	{smi2-not 7}	c1			
87.3a	attributeValueChange	{smi2-not 1}	c2			
87.4a	stateChange	{smi2-not 14}	c3			
87.5a	relationshipChange	{smi2-not 12}	m			
c1: if 85.7 then m else -. c2: if 85.8 then m else -. c3: if 85.9 then m else -.						

**Table 87 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
87.1b	87.1.1	sourceIndicator	{smi2-att 26}	o		
	87.1.2	attributeList	{smi2-att 9}	o		
	87.1.3	notificationIdentifier	{smi2-att 16}	o		
	87.1.4	correlatedNotifications	{smi2-att 12}	o		
	87.1.5	additionalText	{smi2-att 7}	o		
	87.1.6	additionalInformation	{smi2-att 6}	o		
87.2b	87.2.1	sourceIndicator	{smi2-att 26}	o		
	87.2.2	attributeList	{smi2-att 9}	o		
	87.2.3	notificationIdentifier	{smi2-att 16}	o		
	87.2.4	correlatedNotifications	{smi2-att 12}	o		
	87.2.5	additionalText	{smi2-att 7}	o		
	87.2.6	additionalInformation	{smi2-att 6}	o		
87.3b	87.3.1	sourceIndicator	{smi2-att 26}	o		
	87.3.2	attributeIdentifierList	{smi2-att 8}	o		
	87.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	87.3.4	notificationIdentifier	{smi2-att 16}	o		
	87.3.5	correlatedNotifications	{smi2-att 12}	o		
	87.3.6	additionalText	{smi2-att 7}	o		
	87.3.7	additionalInformation	{smi2-att 6}	o		
87.4b	87.4.1	sourceIndicator	{smi2-att 26}	o		
	87.4.2	attributeIdentifierList	{smi2-att 8}	o		
	87.4.3	stateChangeDefinition	{smi2-att 28}	m		
	87.4.4	notificationIdentifier	{smi2-att 16}	o		
	87.4.5	correlatedNotifications	{smi2-att 12}	o		
	87.4.6	additionalText	{smi2-att 7}	o		
	87.4.7	additionalInformation	{smi2-att 6}	o		
87.5b	87.5.1	sourceIndicator	{smi2-att 26}	o		
	87.5.2	attributeIdentifierList	{smi2-att 8}	o		
	87.5.3	relationshipChange Definition	{smi2-att 20}	m		
	87.5.4	notificationIdentifier	{smi2-att 16}	o		
	87.5.5	correlatedNotifications	{smi2-att 12}	o		
	87.5.6	additionalText	{smi2-att 7}	o		
	87.5.7	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 virtualPrimaryRateAccess

Table 88: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
88.1	virtualPrimaryRateAccess	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 8}	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 89.

Table 89: Feature support

Index	Sub-Index		Support
89.1	89.1.1	Is configuration management supported?	
	89.1.2	Are all mandatory features for configuration management supported?	
89.2	89.2.1	Is fault management supported?	
	89.2.2	Are all mandatory features for fault management supported?	

4.15.1 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 90.

Table 90: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
90.1a	virtualAccessPort - managedElement	{v5Q(LE)-nb 5}	managedElement AND SUBCLASSES	m	

Table 90 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
90.1b	c	c			
c: if 89.1.1 then m else -.					

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 91.

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 91: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
91.1	operationalStatePackage	{m3100-pkg 19}	m	
91.2	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
91.3	actingRolePkg	{admin-pkg 1}	c1	
91.4	lineTestCapabilityPkg	{admin-pkg 4}	c2	
91.5	administrativeStatePackage	{smi2-pkg 14}	o	
91.6	supportableClientListPackage	{m3100-pkg 27}	o	
91.7	ttpInstancePackage	{m3100-pkg 31}	m	
91.8	createDeleteNotificationsPackage	{m3100-pkg 10}	o	
91.9	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
91.10	stateChangeNotificationPackage	{m3100-pkg 28}	o	
91.11	crossConnectionPointerPackage	{m3100-pkg 11}	-	
91.12	characteristicInformationPackage	{m3100-pkg 7}	o	
91.13	networkLevelPackage	{m3100-pkg 18}	-	
91.14	qualityOfServiceAlarmPackage	{v5Q(LE)-pkg 12}	c3	
91.15	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c4	
91.16	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c4	
91.17	packagesPackage	{smi2-pkg 16}	m	
91.18	allomorphicPackage	{smi2-pkg 17}	o	
91.19	anFaultReportedPackage	{v5Q(LE)-pkg 13}	c5	
c1: if this object class supports the primary and secondary role according to CCITT Rec. 4010 then m else -. c2: if an access port is equipped with line test facilities then m else -. c3: if 89.2.1 then if there is a remote digital section or performance parameters are to be monitored against a pre-defined threshold then m else -. else -. c4: if 89.2.1 then m else -. c5: if 89.2.1 and V5.2 then o 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 92. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 92: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
92.1a	envelopeFunctionAddress	{v5q(LE)-att 19}	m	
92.2a	dChannelActivation	{admin-att 33}	m	
92.3a	actingRole	{admin-att 2}	c1	
92.4a	assocSdnSignallingCommPath	{v5q(LE)-att 3}	m	
92.5a	assocPacketCommPath	{v5q(LE)-att 4}	m	
92.6a	assocFrameCommPath	{v5q(LE)-att 2}	m	
92.7a	tTPIId	{m3100-att 48}	m	
92.8a	supportedByObjectList	{m3100-att 40}	m	
92.9a	upstreamConnectivityPointer	{m3100-att 49}	m	
92.10a	downstreamConnectivityPointer	{m3100-att 19}	m	
92.11a	administrativeState	{smi2-att 31}	c2	
92.12a	operationalState	{smi2-att 35}	m	
92.13a	assocOwnerCustomizedResources	{admin-att 13}	m	
92.14a	assocOwnerCustomerProfiles	{admin-att 14}	m	
92.15a	lineTestCapability	{admin-att 42}	c3	
92.16a	assocV5Interface	{v5q(LE)-att 8}	m	
92.17a	supportableClientList	{smi2-att 39}	c4	
92.18a	characteristicInformation	{m3100-att 8}	c5	
92.19a	objectClass	{smi2-att 65}	m	
92.20a	nameBinding	{smi2-att 63}	m	
92.21a	packages	{smi2-att 66}	m	
92.22a	allomorphs	{smi2-att 50}	c6	
c1: if 91.3 then m else -. c2: if 91.5 then m else -. c3: if 91.4 then m else -. c4: if 91.6 then m else -. c5: if 91.12 then m else -. c6: if 91.18 then m else -.				

Table 92 (continued): Attribute support

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
92.1b	m	m	m	x	x	x
92.2b	m	m	m	x	x	x
92.3b	m	m	m	x	x	x
92.4b	x	m	x	x	x	x
92.5b	x	m	x	x	x	x
92.6b	x	m	x	x	x	x
92.7b	o	m	x	x	x	x
92.8b	m	m	x	x	x	x
92.9b	o	m	x	x	x	x
92.10b	o	m	x	x	x	x
92.11b	m	m	m	x	x	x
92.12b	x	m	x	x	x	x
92.13b	o	m	m	m	m	m
92.14b	o	m	m	m	m	m
92.15b	m	m	m	x	x	x
92.16b	x	m	x	x	x	x
92.17b	m	m	x	x	x	x
92.18b	m	m	x	x	x	x
92.19b	m	m	x	x	x	x
92.20b	m	m	x	x	x	x
92.21b	m	m	x	x	x	x
92.22b	m	m	x	x	x	x

Table 92 (concluded): Attribute support

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
92.1c							
92.2c							
92.3c							
92.4c							
92.5c							
92.6c							
92.7c							
92.8c							
92.9c							
92.10c							
92.11c							
92.12c							
92.13c							
92.14c							
92.15c							
92.16c							
92.17c							
92.18c							
92.19c							
92.20c							
92.21c							
92.22c							

**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 93. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 93: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
93.1a	objectCreation	{smi2-not 6}	c1			
93.2a	objectDeletion	{smi2-not 7}	c1			
93.3a	attributeValueChange	{smi2-not 1}	c2			
93.4a	stateChange	{smi2-not 14}	c3			
93.5a	relationshipChange	{smi2-not 12}	m			
c1: if 91.8 then m else -. c2: if 91.9 then m else -. c3: if 91.10 then m else -.						

**Table 93 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
93.1b	93.1.1	sourceIndicator	{smi2-att 26}	o		
	93.1.2	attributeList	{smi2-att 9}	o		
	93.1.3	notificationIdentifier	{smi2-att 16}	o		
	93.1.4	correlatedNotifications	{smi2-att 12}	o		
	93.1.5	additionalText	{smi2-att 7}	o		
	93.1.6	additionalInformation	{smi2-att 6}	o		
93.2b	93.2.1	sourceIndicator	{smi2-att 26}	o		
	93.2.2	attributeList	{smi2-att 9}	o		
	93.2.3	notificationIdentifier	{smi2-att 16}	o		
	93.2.4	correlatedNotifications	{smi2-att 12}	o		
	93.2.5	additionalText	{smi2-att 7}	o		
	93.2.6	additionalInformation	{smi2-att 6}	o		
93.3b	93.3.1	sourceIndicator	{smi2-att 26}	o		
	93.3.2	attributeIdentifierList	{smi2-att 8}	o		
	93.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	93.3.4	notificationIdentifier	{smi2-att 16}	o		
	93.3.5	correlatedNotifications	{smi2-att 12}	o		
	93.3.6	additionalText	{smi2-att 7}	o		
	93.3.7	additionalInformation	{smi2-att 6}	o		
93.4b	93.4.1	sourceIndicator	{smi2-att 26}	o		
	93.4.2	attributeIdentifierList	{smi2-att 8}	o		
	93.4.3	stateChangeDefinition	{smi2-att 28}	m		
	93.4.4	notificationIdentifier	{smi2-att 16}	o		
	93.4.5	correlatedNotifications	{smi2-att 12}	o		
	93.4.6	additionalText	{smi2-att 7}	o		
	93.4.7	additionalInformation	{smi2-att 6}	o		
93.5b	93.5.1	sourceIndicator	{smi2-att 26}	o		
	93.5.2	attributeIdentifierList	{smi2-att 8}	o		
	93.5.3	relationshipChange Definition	{smi2-att 20}	m		
	93.5.4	notificationIdentifier	{smi2-att 16}	o		
	93.5.5	correlatedNotifications	{smi2-att 12}	o		
	93.5.6	additionalText	{smi2-att 7}	o		
	93.5.7	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 virtualBasicRateAccess

Table 94: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
94.1	virtualBasicRateAccess	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 7}	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 95.

Table 95: Feature support

Index	Sub-Index		Support
95.1	95.1.1	Is configuration management supported?	
	95.1.2	Are all mandatory features for configuration management supported?	
95.2	95.2.1	Is fault management supported?	
	95.2.2	Are all mandatory features for fault management supported?	

4.16.1 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 96.

Table 96: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
96.1a	virtualAccessPort - managedElement	{v5Q(LE)-nb 5}	managedElement AND SUBCLASSES	m	

Table 96 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
96.1b	c	c			
c: if 95.1.1 then m else -.					

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 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	operationalStatePackage	{m3100-pkg 19}	m	
97.2	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
97.3	lineTestCapabilityPkg	{admin-pkg 4}	c1	
97.4	administrativeStatePackage	{smi2-pkg 14}	o	
97.5	supportableClientListPackage	{m3100-pkg 27}	o	
97.6	ttlInstancePackage	{m3100-pkg 31}	m	
97.7	createDeleteNotificationsPackage	{m3100-pkg 10}	o	
97.8	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
97.9	stateChangeNotificationPackage	{m3100-pkg 28}	o	
97.10	crossConnectionPointerPackage	{m3100-pkg 11}	-	
97.11	characteristicInformationPackage	{m3100-pkg 7}	o	
97.12	networkLevelPackage	{m3100-pkg 18}	-	
97.13	qualityOfServiceAlarmPackage	{v5Q(LE)-pkg 12}	c2	
97.14	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c3	
97.15	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c3	
97.16	packagesPackage	{smi2-pkg 16}	m	
97.17	allomorphicPackage	{smi2-pkg 17}	o	
97.18	anFaultReportedPackage	{v5Q(LE)-pkg 13}	c4	
c1: if an access port is equipped with line test facilities then m else -. c2: if 95.2.1 then if there is a remote digital section or performance parameters are to be monitored against a pre-defined threshold then m else -. else -. c3: if 95.2.1 then m else -. c4: if 95.2.1 and V5.2 then o 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 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	envelopeFunctionAddress	{v5q(LE)-att 19}	m	
98.2a	dChannelActivation	{admin-att 33}	m	
98.3a	assocV5TimeSlotB1	{v5q(LE)-att 10}	m	
98.4a	assocV5TimeSlotB2	{v5q(LE)-att 11}	m	
98.5a	assocLsdnSignallingCommPath	{v5q(LE)-att 3}	m	
98.6a	assocPacketCommPath	{v5q(LE)-att 4}	m	
98.7a	assocFrameCommPath	{v5q(LE)-att 2}	m	
98.8a	tTPIId	{m3100-att 48}	m	
98.9a	supportedByObjectList	{m3100-att 40}	m	
98.10a	upstreamConnectivityPointer	{m3100-att 49}	m	
98.11a	downstreamConnectivityPointer	{m3100-att 19}	m	
98.12a	administrativeState	{smi2-att 31}	c1	
98.13a	operationalState	{smi2-att 35}	m	
98.14a	assocOwnerCustomizedResources	{admin-att 13}	m	
98.15a	assocOwnerCustomerProfiles	{admin-att 14}	m	
98.16a	lineTestCapability	{admin-att 42}	c2	
98.17a	assocV5Interface	{v5q(LE)-att 8}	m	
98.18a	supportableClientList	{smi2-att 39}	c3	
98.19a	characteristicInformation	{m3100-att 8}	c4	
98.20a	objectClass	{smi2-att 65}	m	
98.21a	nameBinding	{smi2-att 63}	m	
98.22a	packages	{smi2-att 66}	m	
98.23a	allomorphs	{smi2-att 50}	c5	
c1: if 97.4 then m else -. c2: if 97.3 then m else -. c3: if 97.5 then m else -. c4: if 97.11 then m else -. c5: if 97.17 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	m	m	m	x	x	x
98.3b	x	m	x	x	x	x
98.4b	x	m	x	x	x	x
98.5b	x	m	x	x	x	x
98.6b	x	m	x	x	x	x
98.7b	x	m	x	x	x	x
98.8b	o	m	x	x	x	x
98.9b	m	m	x	x	x	x
98.10b	o	m	x	x	x	x
98.11b	o	m	x	x	x	x
98.12b	m	m	m	x	x	x
98.13b	x	m	x	x	x	x
98.14b	o	m	m	m	m	m
98.15b	o	m	m	m	m	m
98.16b	m	m	m	x	x	x
98.17b	x	m	x	x	x	x
98.18b	m	m	x	x	x	x
98.19b	m	m	x	x	x	x
98.20b	m	m	x	x	x	x
98.21b	m	m	x	x	x	x
98.22b	m	m	x	x	x	x
98.23b	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							
98.17c							
98.18c							
98.19c							
98.20c							
98.21c							
98.22c							
98.23c							

**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 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}	c1			
99.2a	objectDeletion	{smi2-not 7}	c1			
99.3a	attributeValueChange	{smi2-not 1}	c2			
99.4a	stateChange	{smi2-not 14}	c3			
99.5a	relationshipChange	{smi2-not 12}	m			
c1: if 97.7 then m else -. c2: if 97.8 then m else -. c3: if 97.9 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		
99.5b	99.5.1	sourceIndicator	{smi2-att 26}	o		
	99.5.2	attributeIdentifierList	{smi2-att 8}	o		
	99.5.3	relationshipChange Definition	{smi2-att 20}	m		
	99.5.4	notificationIdentifier	{smi2-att 16}	o		
	99.5.5	correlatedNotifications	{smi2-att 12}	o		
	99.5.6	additionalText	{smi2-att 7}	o		
	99.5.7	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 virtualAnalogueAccess

Table 100: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
100.1	virtualAnalogueAccess	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 6}	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 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?	

4.17.1 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	virtualAccessPort - managedElement	{v5Q(LE)-nb 5}	managedElement 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 -.					

4.17.2 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 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	operationalStatePackage	{m3100-pkg 19}	m	
103.2	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
103.3	lineTestCapabilityPkg	{admin-pkg 4}	c1	
103.4	administrativeStatePackage	{smi2-pkg 14}	o	
103.5	supportableClientListPackage	{m3100-pkg 27}	o	
103.6	ttlInstancePackage	{m3100-pkg 31}	m	
103.7	createDeleteNotificationsPackage	{m3100-pkg 10}	o	
103.8	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
103.9	stateChangeNotificationPackage	{m3100-pkg 28}	o	
103.10	crossConnectionPointerPackage	{m3100-pkg 11}	-	
103.11	characteristicInformationPackage	{m3100-pkg 7}	o	
103.12	networkLevelPackage	{m3100-pkg 18}	-	
103.13	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c2	
103.14	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c2	
103.15	packagesPackage	{smi2-pkg 16}	m	
103.16	allomorphicPackage	{smi2-pkg 17}	o	
103.17	anFaultReportedPackage	{v5Q(LE)-pkg 13}	c3	
c1: if an access port is equipped with line test facilities then m else -. c2: if 101.2.1 then m else -. c3: if 101.2.1 and V5.2 then o 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 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	layer3PortAddress	{v5q(LE)-att 20}	m	
104.2a	lineSignalling	{admin-att 41}	m	
104.3a	assocV5TimeSlot	{v5q(LE)-att 9}	m	
104.4a	tTPIId	{m3100-att 48}	m	
104.5a	supportedByObjectList	{m3100-att 40}	m	
104.6a	upstreamConnectivityPointer	{m3100-att 49}	m	
104.7a	downstreamConnectivityPointer	{m3100-att 19}	m	
104.8a	administrativeState	{smi2-att 31}	c1	
104.9a	operationalState	{smi2-att 35}	m	
104.10a	assocOwnerCustomizedResources	{admin-att 13}	m	
104.11a	assocOwnerCustomerProfiles	{admin-att 14}	m	
104.12a	lineTestCapability	{admin-att 42}	c2	
104.13a	assocV5Interface	{v5q(LE)-att 8}	m	
104.14a	supportableClientList	{smi2-att 39}	c3	
104.15a	characteristicInformation	{m3100-att 8}	c4	
104.16a	objectClass	{smi2-att 65}	m	
104.17a	nameBinding	{smi2-att 63}	m	
104.18a	packages	{smi2-att 66}	m	
104.19a	allomorphs	{smi2-att 50}	c5	
c1: if 103.4 then m else -. c2: if 103.3 then m else -. c3: if 103.5 then m else -. c4: if 103.11 then m else -. c5: if 103.16 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	m	m	m	x	x	x
104.3b	x	m	x	x	x	x
104.4b	o	m	x	x	x	x
104.5b	m	m	x	x	x	x
104.6b	o	m	x	x	x	x
104.7b	o	m	x	x	x	x
104.8b	m	m	m	x	x	x
104.9b	x	m	x	x	x	x
104.10b	o	m	m	m	m	m
104.11b	o	m	m	m	m	m
104.12b	m	m	m	x	x	x
104.13b	x	m	x	x	x	x
104.14b	m	m	x	x	x	x
104.15b	m	m	x	x	x	x
104.16b	m	m	x	x	x	x
104.17b	m	m	x	x	x	x
104.18b	m	m	x	x	x	x
104.19b	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							
104.16c							
104.17c							
104.18c							
104.19c							

**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 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}	c1			
105.2a	objectDeletion	{smi2-not 7}	c1			
105.3a	attributeValueChange	{smi2-not 1}	c2			
105.4a	stateChange	{smi2-not 14}	c3			
105.5a	relationshipChange	{smi2-not 12}	m			
c1: if 103.7 then m else -. c2: if 103.8 then m else -. c3: if 103.9 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}	o		
	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		
105.5b	105.5.1	sourceIndicator	{smi2-att 26}	o		
	105.5.2	attributeIdentifierList	{smi2-att 8}	o		
	105.5.3	relationshipChange Definition	{smi2-att 20}	m		
	105.5.4	notificationIdentifier	{smi2-att 16}	o		
	105.5.5	correlatedNotifications	{smi2-att 12}	o		
	105.5.6	additionalText	{smi2-att 7}	o		
	105.5.7	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 virtualLeasedAccess

Table 106: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
106.1	virtualLeasedAccess	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 9}	o	

The supplier of the implementation shall state whether or not all mandatory features of the object listed above are supported in table 107.

Table 107: Feature support

Index	Sub-Index		Support
107.1	107.1.1	Is configuration management supported?	
	107.1.2	Are all mandatory features for configuration management supported?	
107.2	107.2.1	Is fault management supported?	
	107.2.2	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 108.

Table 108: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
108.1a	virtualAccessPort - managedElement	{v5Q(LE)-nb 5}	managedElement AND SUBCLASSES	m	

Table 108 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
108.1b	c	c			
c: if 107.1.1 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 109.

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 109: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
109.1	operationalStatePackage	{m3100-pkg 19}	m	
109.2	commonDeleteBehaviourPackage	{v5Q(LE)-pkg 2}	m	
109.3	lineTestCapabilityPkg	{admin-pkg 4}	c1	
109.4	administrativeStatePackage	{smi2-pkg 14}	o	
109.5	supportableClientListPackage	{m3100-pkg 27}	o	
109.6	ttlInstancePackage	{m3100-pkg 31}	m	
109.7	createDeleteNotificationsPackage	{m3100-pkg 10}	o	
109.8	attributeValueChangeNotificationPackage	{m3100-pkg 4}	o	
109.9	stateChangeNotificationPackage	{m3100-pkg 28}	o	
109.10	crossConnectionPointerPackage	{m3100-pkg 11}	-	
109.11	characteristicInformationPackage	{m3100-pkg 7}	o	
109.12	networkLevelPackage	{m3100-pkg 18}	-	
109.13	tmnCommunicationsAlarmInformationPackage	{m3100-pkg 30}	c2	
109.14	alarmSeverityAssignmentPointerPackage	{m3100-pkg 3}	c2	
109.15	packagesPackage	{smi2-pkg 16}	m	
109.16	allomorphicPackage	{smi2-pkg 17}	o	
109.17	anFaultReportedPackage	{v5Q(LE)-pkg 13}	c3	
c1: if an access port is equipped with line test facilities then m else -. c2: if 107.2.1 then m else -. c3: if 107.2.1 and V5.2 then o 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 110. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 110: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
110.1a	v5UserPortAddress	{v5q(LE)-att 39}	m	
110.2a	assocV5TimeSlot	{v5q(LE)-att 9}	m	
110.3a	tTPIId	{m3100-att 48}	m	
110.4a	supportedByObjectList	{m3100-att 40}	m	
110.5a	upstreamConnectivityPointer	{m3100-att 49}	m	
110.6a	downstreamConnectivityPointer	{m3100-att 19}	m	
110.7a	administrativeState	{smi2-att 31}	c1	
110.8a	operationalState	{smi2-att 35}	m	
110.9a	assocOwnerCustomizedResources	{admin-att 13}	m	
110.10a	assocOwnerCustomerProfiles	{admin-att 14}	m	
110.11a	lineTestCapability	{admin-att 42}	c2	
110.12a	assocV5Interface	{v5q(LE)-att 8}	m	
110.13a	supportableClientList	{smi2-att 39}	c3	
110.14a	characteristicInformation	{m3100-att 8}	c4	
110.15a	objectClass	{smi2-att 65}	m	
110.16a	nameBinding	{smi2-att 63}	m	
110.17a	packages	{smi2-att 66}	m	
110.18a	allomorphs	{smi2-att 50}	c5	
c1: if 109.4 then m else -. c2: if 109.3 then m else -. c3: if 109.5 then m else -. c4: if 109.11 then m else -. c5: if 109.16 then m else -.				

**Table 110 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
110.1b	m	m	m	x	x	x
110.2b	x	m	x	x	x	x
110.3b	o	m	x	x	x	x
110.4b	m	m	x	x	x	x
110.5b	o	m	x	x	x	x
110.6b	o	m	x	x	x	x
110.7b	m	m	m	x	x	x
110.8b	x	m	x	x	x	x
110.9b	o	m	m	m	m	m
110.10b	o	m	m	m	m	m
110.11b	m	m	m	x	x	x
110.12b	x	m	x	x	x	x
110.13b	m	m	x	x	x	x
110.14b	m	m	x	x	x	x
110.15b	m	m	x	x	x	x
110.16b	m	m	x	x	x	x
110.17b	m	m	x	x	x	x
110.18b	m	m	x	x	x	x

**Table 110 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
110.1c							
110.2c							
110.3c							
110.4c							
110.5c							
110.6c							
110.7c							
110.8c							
110.9c							
110.10c							
110.11c							
110.12c							
110.13c							
110.14c							
110.15c							
110.16c							
110.17c							
110.18c							

**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 111. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.



**Table 111: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
111.1a	objectCreation	{smi2-not 6}	c1			
111.2a	objectDeletion	{smi2-not 7}	c1			
111.3a	attributeValueChange	{smi2-not 1}	c2			
111.4a	stateChange	{smi2-not 14}	c3			
111.5a	relationshipChange	{smi2-not 12}	m			
c1: if 109.7 then m else -. c2: if 109.8 then m else -. c3: if 109.9 then m else -.						

**Table 111 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
111.1b	111.1.1	sourceIndicator	{smi2-att 26}	o		
	111.1.2	attributeList	{smi2-att 9}	o		
	111.1.3	notificationIdentifier	{smi2-att 16}	o		
	111.1.4	correlatedNotifications	{smi2-att 12}	o		
	111.1.5	additionalText	{smi2-att 7}	o		
	111.1.6	additionalInformation	{smi2-att 6}	o		
111.2b	111.2.1	sourceIndicator	{smi2-att 26}	o		
	111.2.2	attributeList	{smi2-att 9}	o		
	111.2.3	notificationIdentifier	{smi2-att 16}	o		
	111.2.4	correlatedNotifications	{smi2-att 12}	o		
	111.2.5	additionalText	{smi2-att 7}	o		
	111.2.6	additionalInformation	{smi2-att 6}	o		
111.3b	111.3.1	sourceIndicator	{smi2-att 26}	o		
	111.3.2	attributeIdentifierList	{smi2-att 8}	o		
	111.3.3	attributeValueChange Definition	{smi2-att 10}	m		
	111.3.4	notificationIdentifier	{smi2-att 16}	o		
	111.3.5	correlatedNotifications	{smi2-att 12}	o		
	111.3.6	additionalText	{smi2-att 7}	o		
	111.3.7	additionalInformation	{smi2-att 6}	o		
111.4b	111.4.1	sourceIndicator	{smi2-att 26}	o		
	111.4.2	attributeIdentifierList	{smi2-att 8}	o		
	111.4.3	stateChangeDefinition	{smi2-att 28}	m		
	111.4.4	notificationIdentifier	{smi2-att 16}	o		
	111.4.5	correlatedNotifications	{smi2-att 12}	o		
	111.4.6	additionalText	{smi2-att 7}	o		
	111.4.7	additionalInformation	{smi2-att 6}	o		
111.5b	111.5.1	sourceIndicator	{smi2-att 26}	o		
	111.5.2	attributeIdentifierList	{smi2-att 8}	o		
	111.5.3	relationshipChange Definition	{smi2-att 20}	m		
	111.5.4	notificationIdentifier	{smi2-att 16}	o		
	111.5.5	correlatedNotifications	{smi2-att 12}	o		
	111.5.6	additionalText	{smi2-att 7}	o		
	111.5.7	additionalInformation	{smi2-att 6}	o		

**4.18.7 Parameters**

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

4.19 Statement of conformance to managed object class v5BearerChannelReservation

Table 112: Object class support

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
112.1	v5BearerChannelReservation	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 21}	c	
c: if ETS 300 347-2 [3] N33 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 113.

Table 113: Feature support

Index	Sub-Index		Support
113.1	113.1.1	Is configuration management supported?	
	113.1.2	Are all mandatory features for configuration management supported?	

4.19.1 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 114.

Table 114: Name binding support

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
114.1a	customizedService - customerProfile	{admin-nb 8}	customerProfile AND SUBCLASSES	m	

Table 114 (concluded): Name binding support

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
114.1b	c	c			
c: if 113.1.1 then m else -.					

4.19.2 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 115.

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 115: Package support

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
115.1	adminStatePkg	{admin-pkg 2}	o	
115.2	packagesPackage	{smi2-pkg 16}	c	
115.3	allomorphicPackage	{smi2-pkg 17}	o	
c: if 115.1 or 115.3 then m else -.				

### 4.19.3 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 116. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 116: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
116.1a	customizedServiceId	{admin-att 32}	m	
116.2a	administrativeState	{smi2-att 31}	c1	
116.3a	assocOwnerCustomerResources	{admin-att 13}	m	
116.4a	assocOwnerCustomerServices	{admin-att 14}	m	
116.5a	noOfBcRequested	{v5q(LE)-att 23}	m	
116.6a	bcReserved	{v5q(LE)-att 12}	m	
116.7a	objectClass	{smi2-att 65}	m	
116.8a	nameBinding	{smi2-att 63}	m	
116.9a	packages	{smi2-att 66}	c2	
116.10a	allomorphs	{smi2-att 50}	c3	
c1: if 115.1 then m else -. c2: if 115.2 then m else -. c3: if 115.3 then m else -.				

**Table 116 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
116.1b	o	m	x	x	x	x
116.2b	m	m	m	x	x	x
116.3b	o	m	m	m	m	m
116.4b	o	m	m	m	m	m
116.5b	m	m	m	x	x	x
116.6b	m	m	x	x	x	x
116.7b	m	m	x	x	x	x
116.8b	m	m	x	x	x	x
116.9b	m	m	x	x	x	x
116.10b	m	m	x	x	x	x

**Table 116 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
116.1c							
116.2c							
116.3c							
116.4c							
116.5c							
116.6c							
116.7c							
116.8c							
116.9c							
116.10c							

### 4.19.4 Attribute groups

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

### 4.19.5 Actions

There are no actions specified for this managed object class.

**4.19.6 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 in table 117. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 117: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
117.1a	objectCreation	{smi2-not 6}	m			
117.2a	objectDeletion	{smi2-not 7}	m			
117.3a	stateChange	{smi2-not 14}	c			
117.4a	relationshipChange	{smi2-not 12}	m			
c: if 115.1 then m else -.						

**Table 117 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
117.1b	117.1.1	sourceIndicator	{smi2-att 26}	o		
	117.1.2	attributeList	{smi2-att 9}	o		
	117.1.3	notificationIdentifier	{smi2-att 16}	o		
	117.1.4	correlatedNotifications	{smi2-att 12}	o		
	117.1.5	additionalText	{smi2-att 7}	o		
	117.1.6	additionalInformation	{smi2-att 6}	o		
117.2b	117.2.1	sourceIndicator	{smi2-att 26}	o		
	117.2.2	attributeList	{smi2-att 9}	o		
	117.2.3	notificationIdentifier	{smi2-att 16}	o		
	117.2.4	correlatedNotifications	{smi2-att 12}	o		
	117.2.5	additionalText	{smi2-att 7}	o		
	117.2.6	additionalInformation	{smi2-att 6}	o		
117.3b	117.3.1	sourceIndicator	{smi2-att 26}	o		
	117.3.2	attributeIdentifierList	{smi2-att 8}	o		
	117.3.3	stateChangeDefinition	{smi2-att 28}	m		
	117.3.4	notificationIdentifier	{smi2-att 16}	o		
	117.3.5	correlatedNotifications	{smi2-att 12}	o		
	117.3.6	additionalText	{smi2-att 7}	o		
	117.3.7	additionalInformation	{smi2-att 6}	o		
117.4b	117.4.1	sourceIndicator	{smi2-att 26}	o		
	117.4.2	attributeIdentifierList	{smi2-att 8}	o		
	117.4.3	relationshipChange Definition	{smi2-att 20}	m		
	117.4.4	notificationIdentifier	{smi2-att 16}	o		
	117.4.5	correlatedNotifications	{smi2-att 12}	o		
	117.4.6	additionalText	{smi2-att 7}	o		
	117.4.7	additionalInformation	{smi2-att 6}	o		

**4.19.7 Parameters**

There are no parameters specified for this managed object class.

#### 4.20 Statement of conformance to managed object class v5LeasedLineReservation

**Table 118: Object class support**

Index	Managed object class template label	Value of OBJECT IDENTIFIER for the class	Status	Support
118.1	v5LeasedLineReservation	{ccitt(0) identified-organization(4) etsi(0) v5LeConfigurationManagement(377) informationModel(0) managedObjectClass(3) 22}	c	
c: if ETS 300 324-2 [2] M3 or ETS 300 347-2 [3] N32 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 119.

**Table 119: Feature support**

Index	Sub-Index		Support
119.1	119.1.1	Is configuration management supported?	
	119.1.2	Are all mandatory features for configuration management supported?	

##### 4.20.1 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 120.

**Table 120: Name binding support**

Index	Name binding template label	Value of OBJECT IDENTIFIER	Superior object class template label	Status	Support
120.1a	customizedService - customerProfile	{admin-nb 8}	customerProfile AND SUBCLASSES	m	

**Table 120 (concluded): Name binding support**

Index	Status		Support		Additional information
	Object creation	Object deletion	Object creation	Object deletion	
120.1b	c	c			
c: if 119.1.1 then m else -.					

##### 4.20.2 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 121.

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 121: Package support**

Index	Package label	Value of OBJECT IDENTIFIER	Status	Support
121.1	adminStatePkg	{admin-pkg 2}	o	
121.2	packagesPackage	{smi2-pkg 17}	c	
121.3	allomorphicPackage	{smi2-pkg 16}	o	
c: if 121.1 or 121.3 then m else -.				

**4.20.3 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 122. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

**Table 122: Attribute support**

Index	Attribute template label	Value of OBJECT IDENTIFIER	Status	Support
122.1a	customizedServiceId	{admin-att 32}	m	
122.2a	administrativeState	{smi2-att 31}	c1	
122.3a	assocOwnerCustomerResources	{admin-att 13}	m	
122.4a	assocOwnerCustomerServices	{admin-att 14}	m	
122.5a	bcReserved	{v5q(LE)-att 12}	m	
122.6a	objectClass	{smi2-att 65}	m	
122.7a	nameBinding	{smi2-att 63}	m	
122.8a	packages	{smi2-att 66}	c2	
122.9a	allomorpha	{smi2-att 50}	c3	
c1: if 121.1 then m else -. c2: if 121.2 then m else -. c3: if 121.3 then m else -.				

**Table 122 (continued): Attribute support**

Index	Status					
	SetByCreate	Get	Replace	Add	Remove	SetToDefault
122.1b	o	m	x	x	x	x
122.2b	m	m	m	x	x	x
122.3b	o	m	m	m	m	m
122.4b	o	m	m	m	m	m
122.5b	m	m	x	x	x	x
122.6b	m	m	x	x	x	x
122.7b	m	m	x	x	x	x
122.8b	m	m	x	x	x	x
122.9b	m	m	x	x	x	x

**Table 122 (concluded): Attribute support**

Index	Support						Additional information
	SetByCreate	Get	Replace	Add	Remove	SetToDefault	
122.1c							
122.2c							
122.3c							
122.4c							
122.5c							
122.6c							
122.7c							
122.8c							
122.9c							

**4.20.4 Attribute groups**

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

**4.20.5 Actions**

There are no actions specified for this managed object class.

**4.20.6 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 in table 123. The supplier of the implementation shall indicate support in terms on the confirmed and non-confirmed modes.

**Table 123: Notification support**

Index	Notification type template label	Value of notification type identifier	Status	Support		Additional information
				Confirmed	Non-confirmed	
123.1a	objectCreation	{smi2-not 6}	m			
123.2a	objectDeletion	{smi2-not 7}	m			
123.3a	stateChange	{smi2-not 14}	c			
123.4a	relationshipChange	{smi2-not 12}	m			
c: if 121.1 then m else -.						

**Table 123 (concluded): Notification support**

Index	Sub-index	Notification field name label	Value of object identifier of attribute type associated with field	Status	Support	Additional information
123.1b	123.1.1	sourceIndicator	{smi2-att 26}	o		
	123.1.2	attributeList	{smi2-att 9}	o		
	123.1.3	notificationIdentifier	{smi2-att 16}	o		
	123.1.4	correlatedNotifications	{smi2-att 12}	o		
	123.1.5	additionalText	{smi2-att 7}	o		
	123.1.6	additionalInformation	{smi2-att 6}	o		
123.2b	123.2.1	sourceIndicator	{smi2-att 26}	o		
	123.2.2	attributeList	{smi2-att 9}	o		
	123.2.3	notificationIdentifier	{smi2-att 16}	o		
	123.2.4	correlatedNotifications	{smi2-att 12}	o		
	123.2.5	additionalText	{smi2-att 7}	o		
	123.2.6	additionalInformation	{smi2-att 6}	o		
123.3b	123.3.1	sourceIndicator	{smi2-att 26}	o		
	123.3.2	attributeIdentifierList	{smi2-att 8}	o		
	123.3.3	stateChangeDefinition	{smi2-att 28}	m		
	123.3.4	notificationIdentifier	{smi2-att 16}	o		
	123.3.5	correlatedNotifications	{smi2-att 12}	o		
	123.3.6	additionalText	{smi2-att 7}	o		
	123.3.7	additionalInformation	{smi2-att 6}	o		
123.4b	123.4.1	sourceIndicator	{smi2-att 26}	o		
	123.4.2	attributeIdentifierList	{smi2-att 8}	o		
	123.4.3	relationshipChange Definition	{smi2-att 20}	m		
	123.4.4	notificationIdentifier	{smi2-att 16}	o		
	123.4.5	correlatedNotifications	{smi2-att 12}	o		
	123.4.6	additionalText	{smi2-att 7}	o		
	123.4.7	additionalInformation	{smi2-att 6}	o		

**4.20.7 Parameters**

There are no parameters specified for this managed object class.

## Annex A (informative): Bibliography

- I-ETS 300 291: "Network Aspects (NA); Functional specification of Customer Administration (CA) on the Operations System/Network Element (OS/NE) interface".
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- ETS 300 376-2: "Signalling Protocols and Switching (SPS); Q3 interface at the Access Network (AN) for configuration management of V5 interfaces and associated customer profiles; Part 2: Managed Object Conformance Statement (MOCS) proforma specification".
- ETS 300 378-1: "Signalling Protocols and Switching (SPS); Q3 interface at the Access Network (AN) for fault and performance management of V5 interfaces and associated user ports; Part 1: Q3 interface specification".
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- ITU-T Recommendation M.3100: "Generic network information model".
- ITU-T Recommendation X.721 | ISO/IEC 10165-2 : "Information technology - Open systems interconnection - Structure of management information: Definition of management information".
- ITU-T Recommendation X.724: "Information technology - Open Systems Interconnection - Structure of management information: Requirements and guidelines for implementation conformance statement proformas associated with OSI management".



## 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		