UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS

UIT-T X.283

SECTEUR DE LA NORMALISATION
DES TÉLÉCOMMUNICATIONS
DE L'UIT

Amendement 1
(10/96)

SÉRIE X: RÉSEAUX POUR DONNÉES ET COMMUNICATION ENTRE SYSTÈMES OUVERTS

Interconnexion des systèmes ouverts – Objets gérés de couche

Eléments d'information de gestion relatifs à la couche Réseau OSI

Amendement 1: Formulaires de déclaration de conformité d'instance

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Recommandation UIT-T X.283 – Amendement 1
Remplacée par une version plus récente

(Antérieurement «Recommandation du CCITT»)

Remplacée par une version plus récente

RECOMMANDATIONS UIT-T DE LA SÉRIE X

RÉSEAUX POUR DONNÉES ET COMMUNICATION ENTRE SYSTÈMES OUVERTS

RÉSEAUX PUBLICS POUR DONNÉES	X.1-X.199
Services et fonctionnalités	X.1-X.19
Interfaces	X.20-X.49
Transmission, signalisation et commutation	X.50-X.89
Aspects réseau	X.90-X.149
Maintenance	X.150-X.179
Dispositions administratives	X.180-X.199
INTERCONNEXION DES SYSTÈMES OUVERTS	**X.200-X.299**
Modèle et notation	X.200-X.209
Définitions des services	X.210-X.219
Spécifications des protocoles en mode connexion	X.220-X.229
Spécifications des protocoles en mode sans connexion	X.230-X.239
Formulaires PICS	X.240-X.259
Identification des protocoles	X.260-X.269
Protocoles de sécurité	X.270-X.279
Objets gérés de couche	**X.280-X.289**
Tests de conformité	X.290-X.299
INTERFONCTIONNEMENT DES RÉSEAUX	X.300-X.399
Généralités	X.300-X.349
Systèmes de transmission de données par satellite	X.350-X.399
SYSTÈMES DE MESSAGERIE	X.400-X.499
ANNUAIRE	X.500-X.599
RÉSEAUTAGE OSI ET ASPECTS DES SYSTÈMES	X.600-X.699
Réseautage	X.600-X.629
Efficacité	X.630-X.649
Dénomination, adressage et enregistrement	X.650-X.679
Notation de syntaxe abstraite numéro un (ASN.1)	X.680-X.699
GESTION OSI	X.700-X.799
Cadre général et architecture de la gestion-systèmes	X.700-X.709
Service et protocole de communication de gestion	X.710-X.719
Structure de l'information de gestion	X.720-X.729
Fonctions de gestion	X.730-X.799
SÉCURITÉ	X.800-X.849
APPLICATIONS OSI	X.850-X.899
Engagement, concomitance et rétablissement	X.850-X.859
Traitement transactionnel	X.860-X.879
Opérations distantes	X.880-X.899
TRAITEMENT OUVERT RÉPARTI	X.900-X.999

Pour plus de détails, voir la Liste des Recommandations de l'UIT-T.

Remplacée par une version plus récente

AVANT-PROPOS

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

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

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

L'Amendement 1 à la Recommandation UIT-T X.283, que l'on doit à la Commission d'études 7 (1993-1996) de l'UIT-T, a été approuvé le 5 octobre 1996 selon la procédure définie dans la Résolution n° 1 de la CMNT.

NOTE

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

TABLE DES MATIÈRES

Page

7 Conformité 2

Annexe D – Formulaire de récapitulatif MCS 3

Annexe E – Formulaire MICS 12

Annexe F – Formulaire MOCS 61

Annexe G – Formulaire MRCS pour la corrélation de noms 187

RÉSUMÉ

Cet amendement contient les déclarations de conformité d'instance à utiliser conjointement avec les éléments d'information de gestion relatifs à la couche Réseau OSI.

Remplacée par une version plus récente

Amendement 1 à la Recommandation X.283

ÉLÉMENTS D'INFORMATION DE GESTION RELATIFS À LA COUCHE RÉSEAU OSI

AMENDEMENT 1: FORMULAIRES DE DÉCLARATION DE CONFORMITÉ D'INSTANCE

(Genève, 1996)

Page 1

Ajouter l'alinéa suivant à la fin de l'article 1 «Domaine d'application»:

Les Annexes D, E, F et G, qui font partie intégrante de la présente Recommandation, contiennent les formulaires de déclaration de conformité d'instance (ICS) associés aux informations de gestion relatives à la couche Réseau.

Ajouter la référence suivante au paragraphe 2.1:

– Recommandation UIT-T X.724 (1993) | ISO/CEI 10165-6:1994, *Technologies de l'information – Interconnexion des systèmes ouverts – Structure de l'information de gestion: spécifications et directives pour l'établissement des formulaires de déclaration de conformité d'instances associés à la gestion OSI.*

Page 2

Ajouter les références suivantes au paragraphe 2.2:

– Recommandation X.290 du CCITT (1992), *Cadre général et méthodologie des tests de conformité OSI pour les Recommandations sur les protocoles pour les applications du CCITT – Concepts généraux*.

  ISO/CEI 9646-1:1994, *Technologies de l'information – Interconnexion de systèmes ouverts – Cadre général et méthodologie des tests de conformité OSI – Partie 1: concepts généraux.*

– Recommandation X.291 du CCITT (1992), *Cadre général et méthodologie des tests de conformité OSI pour les Recommandations sur les protocoles pour les applications du CCITT – Spécification des suites de tests abstraites*.

  ISO/CEI 9646-2:1994, *Technologies de l'information – Interconnexion de systèmes ouverts – Cadre général et méthodologie des tests de conformité OSI – Partie 2: spécification des suites de tests abstraites*.

– Recommandation UIT-T X.296 (1995), *Cadre général et méthodologie des tests de conformité OSI pour les Recommandations sur les protocoles pour les applications de l'UIT-T – Déclarations de conformité d'instance*.

  ISO/CEI 9646-7:1995, *Technologies de l'information – Interconnexion de systèmes ouverts (OSI) – Essais de conformité – Méthodologie générale et procédures – Partie 7: déclarations de conformité des mises en œuvre.*

– Recommandation X.209 du CCITT (1988), *Spécification des règles de codage de base pour la notation de syntaxe abstraite numéro un (ASN.1)*.

  ISO/CEI 8825:1990, *Technologies de l'information – Interconnexion de systèmes ouverts – Spécification de règles de base pour coder la notation de syntaxe abstraite numéro un (ASN.1)*.

Ajouter les abréviations suivantes à l'article 4:

MCS Récapitulatif de conformité de gestion (*management conformance summary*)

MICS Déclaration de conformité d'information de gestion (*management information conformance statement*)

MOCS Déclaration de conformité d'objet géré (*managed object conformance statement*)

MRCS Déclaration de conformité de relation de gestion (*managed relationship conformance statement*)

Page 92

Remplacer l'article 7 par ce qui suit:

7 Conformité

Les mises en œuvre réputées conformes à la présente Recommandation doivent satisfaire aux prescriptions de conformité qui sont définies dans les paragraphes ci-après.

7.1 Prescriptions de conformité à la présente Recommandation

7.1.1 Conformité statique

La mise en œuvre doit être conforme aux prescriptions de la présente Recommandation dans le rôle de gestionnaire, dans le rôle d'agent ou dans ces deux rôles. Une revendication de conformité à l'un de ces deux rôles au moins doit être formulée selon le Tableau D.1.

Si une revendication de conformité est formulée à l'appui du rôle de gestionnaire, la mise en œuvre doit prendre en charge au moins une opération ou notification ou action de gestion des objets gérés spécifiés dans la présente Recommandation. Les prescriptions de conformité du rôle de gestionnaire pour ces opérations, notifications et actions de gestion sont indiquées dans le Tableau D.3 et dans d'autres tableaux mentionnés en Annexe D.

Si une revendication de conformité est formulée à l'appui du rôle d'agent, la mise en œuvre doit prendre en charge une ou plusieurs instances de la classe d'objets gérés «Sous-système de couche Réseau» identifiée dans le Tableau D.4 et dans d'autres tableaux mentionnés dans l'Annexe D.

Si une revendication de conformité est formulée à l'appui du rôle d'agent, la mise en œuvre doit prendre en charge, pour chaque objet géré considéré, au moins une des corrélations de noms identifiées dans le Tableau D.7.

La mise en œuvre doit prendre en charge la syntaxe de transfert dérivée des règles de codage spécifiées dans la Recommandation X.209 et dans l'ISO/CEI 8825, nommée {joint-iso-ccitt asn1(1) basicEncoding(1)} pour les types de données abstraites visés par les définitions dont la prise en charge est revendiquée.

7.1.2 Conformité dynamique

Les mises en œuvre réputées conformes à la présente Recommandation doivent prendre en charge les éléments de procédure et les définitions d'éléments sémantiques correspondant aux définitions dont la prise en charge est revendiquée.

7.1.3 Prescriptions relatives aux déclarations de conformité des mises en œuvre de gestion

Tout formulaire MCS, MICS, MOCS et MRCS, conforme à la présente Recommandation, doit être techniquement identique aux formulaires spécifiés dans les Annexes D, E, F et G sans modification de la numérotation des tableaux ni de celle des index d'items, la seule différence étant la pagination et les en-têtes de page.

Le fournisseur d'une mise en œuvre réputée conforme à la présente Recommandation doit remplir un exemplaire du récapitulatif de conformité de gestion (MCS) fourni dans l'Annexe D dans le cadre des prescriptions de conformité, ainsi que tout autre formulaire de déclaration ICS indiqué comme étant applicable à partir de ce récapitulatif MCS. Tout formulaire MCS, MICS, MOCS ou MRCS, conforme à la présente Recommandation, doit:

- décrire une mise en œuvre conforme à la présente Recommandation;
- avoir été rempli conformément aux instructions données dans la Rec. UIT-T X.724 | ISO/CEI 10165-6;
- comporter les informations nécessaires pour identifier de façon univoque aussi bien le fournisseur que la mise en œuvre.

7.2 Prescriptions de conformité propres au protocole

Le fournisseur d'une mise en œuvre qui est réputée conforme à la présente Recommandation doit prendre en charge au moins un des protocoles identifiés dans le Tableau D.2.

7.2.1 Conformité au service de couche Réseau en mode sans connexion (CLNS)

Une mise en œuvre réputée conforme au service CLNS dans le rôle d'agent en tant que mise en œuvre gérée doit:

a) être conforme à la Recommandation X.283 et à l'ISO/CEI 10733 comme indiqué au 7.1;

b) prendre en charge l'objet géré «Entité de couche Réseau», l'objet géré «Service de couche Réseau en mode sans connexion», l'objet géré «Point NSAP» et l'objet géré «Lien».

7.2.2 Conformité au service CONS

Une mise en œuvre réputée conforme au service CONS dans le rôle d'agent en tant que mise en œuvre gérée doit:

a) être conforme à la Recommandation X.283 et à l'ISO/CEI 10733 comme indiqué au 7.1;

b) prendre en charge l'objet géré «Entité de couche Réseau», l'objet géré «Service de couche Réseau en mode connexion», l'objet géré «Point NSAP», l'objet géré «Connexion de couche Réseau» et l'objet géré «Lien».

7.2.3 Conformité à l'ETTD X.25

Une mise en œuvre réputée conforme à l'ETTD X.25 dans le rôle d'agent en tant que mise en œuvre gérée doit:

a) être conforme à la Recommandation X.283 et à l'ISO/CEI 10733 comme indiqué au 7.1;

b) prendre en charge l'objet géré «ETTD PLE X.25» et au moins une classe dérivée de l'ETTD de circuit virtuel.

7.2.4 Conformité à l'ETCD X.25

Une mise en œuvre réputée conforme à l'ETCD X.25 dans le rôle d'agent en tant que mise en œuvre gérée doit:

a) être conforme à la Recommandation X.283 et à l'ISO/CEI 10733 comme indiqué au 7.1;

b) prendre en charge l'objet géré «ETCD PLE X.25» et au moins une classe dérivée de l'ETCD de circuit virtuel.

Page 121

Ajouter les Annexes D, E, F et G à la Recommandation X.283.

NOTE – Dans la Recommandation X.283 (1993) les Annexes B et C n'existent pas.

Annexe D

Formulaire de récapitulatif MCS[1)]

D.1 Introduction

D.1.1 Purpose and structure

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

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

D.1.2 Instructions for completing the MCS proforma to produce an MCS[2)]

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

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

2) Les instructions pour le formulaire MCS sont spécifiées dans la Rec. X.724 | ISO/CEI 10165-6.

D.1.3 Symbols, abbreviations and terms

For all annexes of this Recommendation, the following common notations, defined in Recommendation X.291 and ISO/IEC 9646-2 and Recommendation X.296 and ISO/IEC 9646-7 are used for the Status column:

m mandatory;

o optional;

c conditional;

x prohibited;

– not applicable or out of scope.

NOTES

1 "c", "m", and "o" are prefixed by a "c:" when nested under a conditional or optional item of the same table.

2 "o" may be suffixed by ".N" (where N is a unique number) for mutually exclusive or selectable options among a set of status values. Support of at least one of the choices (from the items with the same values of N) is required.

For all annexes of this Recommendation, the following common notations, defined in Recommendation X.291 and ISO/IEC 9646-2 and Recommendation X.296 and ISO/IEC 9646-7 are used for the Status column:

Y implemented;

N not implemented;

– no answer required;

Ig the item is ignored (i.e. processed syntactically but not semantically).

D.2 Identification of the implementation

D.2.1 Date of statement

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

Date of statement

D.2.2 Identification of the implementation

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

D.2.3 Contact

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

D.3 Identification of the Recommendation in which the management information is defined

The supplier of the implementation shall enter the title, reference number and date of the publication of the Recommendation which specifies the management information to which conformance is claimed, in the box below.

Recommendation to which conformance is claimed

D.3.1 Technical corrigenda implemented

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

D.3.2 Amendments implemented

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

D.4 Management conformance summary

The supplier of implementation shall state the capabilities and features supported and provide summary of conformance claims to Recommendations using the tables in this annex.

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

TABLE D.1/X.283

Roles

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

The supplier of the implementation shall specify the protocols that are supported in Table D.2

TABLE D.2/X.283

Protocol

Index	Protocol supported	Status	Support	Additional information
1	CONS support	o.2		
2	CLNS support	o.2		
3	X.25-DTE support	o.2		
4	X.25-DCE support	o.2		

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

TABLE D.3/X.283

Manager role minimum conformance requirement

Index	Item	Status	Support	Additional information
1	Operations on managed objects	c1		
2	Activate action for Connectionless-mode network service managed object	c2		
3	Deactivate action for Connectionless-mode network service managed object	c2		
4	Communications Alarm notification for Connectionless-mode network service managed object	c2		
5	Communications information notification for Connectionless-mode network service managed object	c2		
6	Object creation notification for Connectionless-mode network service managed object	c2		
7	Object deletion notification for Connectionless-mode network service managed object	c2		
8	State change notification for Connectionless-mode network service managed object	c2		
9	Activate action for Connection-mode network service managed object	c3		
10	Deactivate action for Connection-mode network service managed object	c3		
11	Deactivate when no users action for Connection-mode network service managed object	c3		
12	Object creation notification for Connection-mode network service managed object	c3		
13	Object deletion notification for Connection-mode network service managed object	c3		
14	State change notification for Connection-mode network service managed object	c3		
15	Object creation notification for D-Series counts managed object	c1		
16	Object deletion notification for D-Series counts managed object	c1		
17	Activate action for Linkage managed object	c4		
18	Deactivate action for Linkage managed object	c4		
19	Communications Alarm notification for Linkage managed object	c4		
20	Communications information notification for Linkage managed object	c4		
21	Object creation notification for Linkage managed object	c4		
22	Object deletion notification for Linkage managed object	c4		
23	State change notification for Linkage managed object	c4		
24	Object creation notification for NSAP managed object	c4		
25	Object deletion notification for NSAP managed object	c4		
26	Deactivate action for Network connection managed object	c4		
27	Communications information notification for Network connection managed object	c3		
28	Object creation notification for Network connection managed object	c3		
29	Object deletion notification for Network connection managed object	c3		
30	Object creation notification for Network entity managed object	c3		
31	Object deletion notification for Network entity managed object	c3		
32	Object creation notification for Permanent virtual circuit-DCE managed object	c5		

TABLE D.3/X.283 *(concluded)*

Manager role minimum conformance requirement

Index	Item	Status	Support	Additional information
33	Object deletion notification for Permanent virtual circuit-DCE managed object	c5		
34	State change notification for Permanent virtual circuit-DCE managed object	c5		
35	Object creation notification for Permanent virtual circuit-DTE managed object	c6		
36	Object deletion notification for Permanent virtual circuit-DTE managed object	c6		
37	Communications information notification for Virtual call-DCE managed object	c6		
38	Object creation notification for Virtual call-DCE managed object	c5		
39	Object deletion notification for Virtual call-DCE managed object	c5		
40	Deactivate action for Virtual call-DTE managed object	c6		
41	Communications information notification for Virtual call-DTE managed object	c6		
42	Object creation notification for Virtual call-DTE managed object	c6		
43	Object deletion notification for Virtual call-DTE managed object	c6		
44	Object creation notification for Virtual call IV managed object	c7		
45	Object deletion notification for Virtual call IV managed object	c7		
46	Activate action for X25PLE-DCE managed object	c5		
47	Deactivate action for X25PLE-DCE managed object	c5		
48	Object creation notification for X25PLE-DCE managed object	c5		
49	Object deletion notification for X25PLE-DCE managed object	c5		
50	State change notification for X25PLE-DCE managed object	c5		
51	Activate action for X25PLE-DTE managed object	c6		
52	Deactivate action for X25PLE-DTE managed object	c6		
53	Communications Alarm notification for X25PLE-DTE managed object	c6		
54	Object creation notification for X25PLE-DTE managed object	c6		
55	Object deletion notification for X25PLE-DTE managed object	c6		
56	State change notification for X25PLE-DTE managed object	c6		
57	Object creation notification for X25PLEIVMO-DCE managed object	c5		
58	Object deletion notification for X25PLEIVMO-DCE managed object	c5		
59	Object creation notification for X25PLEIVMO-DTE managed object	c6		
60	Object deletion notification for X25PLEIVMO-DTE managed object	c6		

c1: if D.1/1a then o.3 else –
c2: if D.1/1a and D.2/2a then o.3 else –
c3: if D.1/1a and D.2/1a then o.3 else –
c4: if D.1/1a and (D.2/1a or D.2/2a) then o.3 else –
c5: if D.1/1a and D.2/4a then o.3 else –
c6: if D.1/1a and D.2/3a then o.3 else –
c7: if D.1/1a and (D.2/3a or D.2/4a) then o.3 else –

The supplier of the implementation shall specify support for management information in the agent role, in Table D.4

TABLE D.4/X.283

Agent role minimum conformance requirement

Index	Item	Status	Support	Additional information
1	Network subsystem managed object	m		
2	Network entity managed object	c8		
3	NSAP managed object	c8		
4	Connectionless-mode network service managed object	c9		
5	Linkage managed object	c8		
6	Connection-mode network service managed object	c10		
7	Network connection managed object	c10		
8	X.25 PLE DTE managed object	c11		
9	X.25 PLE DCE managed object	c12		
10	X.25 PLE DTE initial values managed object	o		
11	X.25 PLE DCE initial values managed object	o		
12	Permanent virtual circuit-DTE managed object	c13		
13	Permanent virtual circuit-DCE managed object	c14		
14	Virtual call initial values managed object	o		
15	Virtual call-DTE managed object	c13		
16	Virtual call-DCE managed object	c14		
17	Recommendation D-Series counts managed object	o		
c8: if D.1/2a and (D.2/1a or D.2/2a) then m else – c9: if D.1/2a and D.2/1a then m else – c10: if D.1/2a and D.2/2a then m else – c11: if D.1/2a and D.2/3a then m else – c12: if D.1/2a and D.2/4a then m else – c13: if D.1/2a and D.2/3a then o.4 else – c14: if D.1/2a and D.2/4a then o.5 else –				

TABLE D.5/X.283

Logging of event records

Index		Status	Support	Additional information
1	Does the implementation support logging of event records in agent role?	c15		
c15: if D.1/2a then o else –				

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

The supplier of the implementation shall provide information on claims of conformance to any of the Recommendation summarized in Tables D.6, D.7 and D.8. For each Recommendation that the supplier of the implementation claims conformance to, the corresponding conformance statement(s) shall be completed, or referenced by, the MCS. The supplier of the implementation shall complete the Support, Table numbers and Additional information columns.

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

TABLE D.6/X.283

MOCS support summary

Index	Identification of the document that includes the MOCS proforma	Table numbers of MOCS proforma	Description	Con-straints and values	Status	Support	Table numbers of MOCS	Addi-tional infor-mation
1	"ISO/IEC 10733"	Table F.1 – F.8	cLNS	–	c16			
2	"ISO/IEC 10733"	Table F.9 – F.15	cONS	–	c17			
3	"ISO/IEC 10733"	Table F.16 – F.21	dSeriesCounts	–	c18			
4	"ISO/IEC 10733"	Table F.22 – F.29	linkage	–	c19			
5	"ISO/IEC 10733"	Table F.30 – F.34	nSAP	–	c20			
6	"ISO/IEC 10733"	Table F.35 – F.40	networkConnection	–	c21			
7	"ISO/IEC 10733"	Table F.41 – F.45	networkEntity	–	c22			
8	"ISO/IEC 10733"	Table F.46 – F.49	networkSubsystem	–	m			
9	"ISO/IEC 10733"	Table F.50 – F.55	permanentVirtualCircuit-DCE	–	c23			
10	"ISO/IEC 10733"	Table F.56 – F.61	permanentVirtualCircuit-DTE	–	c24			
11	"ISO/IEC 10733"	Table F.62 – F.68	virtualCall-DCE	–	c25			
12	"ISO/IEC 10733"	Table F.69 – F.75	virtualCall-DTE	–	c26			
13	"ISO/IEC 10733"	Table F.76 – F.80	virtualCallIVMO	–	c27			
14	"ISO/IEC 10733"	Table F.81 – F.87	x25PLE-DCE	–	c28			
15	"ISO/IEC 10733"	Table F.88 – F.95	x25PLE-DTE	–	c29			
16	"ISO/IEC 10733"	Table F.96 – F.100	x25PLEIVMO-DCE	–	c30			
17	"ISO/IEC 10733"	Table F.101 – F.105	x25PLEIVMO-DTE	–	c31			
18	"ISO/IEC 10737"	Table F.44 – F.47	communicationInformationRecord	–	c32			
19	"ISO/IEC 10164-1"	Table C.1 – C.4	objectCreationRecord	–	c33			
20	"ISO/IEC 10164-1"	Table C.5 – C.8	objectDeletionRecord	–	c33			
21	"ISO/IEC 10164-2"	Table C.1 – C.4	stateChangeRecord	–	c34			
22	"ISO/IEC 10164-4"	Table C.1 – C.4	alarmRecord	–	c35			

c16: if D.4/4a then m else –
c17: if D.4/6a then m else –
c18: if D.4/17a then m else –
c19: if D.4/5a then m else –
c20: if D.4/3a then m else –
c21: if D.4/7a then m else –
c22: if D.4/2a then m else –
c23: if D.4/13a then m else –
c24: if D.4/12a then m else –
c25: if D.4/16a then m else –
c26: if D.4/15a then m else –
c27: if D.4/14a then m else –
c28: if D.4/9a then m else –
c29: if D.4/8a then m else –
c30: if D.4/11a then m else –
c31: if D.4/10a then m else –
c32: if D.5/1a and (D.4/4a or D.4/5a or D.4/7a or D.4/15a or D.4/16a) then m else –
c33: if D.5/1a then m else –
c34: if D.5/1a and (D.4/4a or D.4/5a or D.4/6a or D.4/8a or D.4/9a or D.4/13a) then m else –
c35: if D.5/1a and (D.4/4a or D.4/5a or D.4/8a) then m else –

TABLE D.7/X.283

MRCS support summary

Index	Identification of the document that includes the MOCS proforma	Table numbers of MOCS proforma	Description	Con-straints and values	Status	Support	Table numbers of MRCS	Addi-tional infor-mation
1	"ISO/IEC 10733"	Table G.1/1	cLNS-networkEntity-Automatic	–	c36			
2	"ISO/IEC 10733"	Table G.1/2	cLNS-networkEntity-Management	–	c36			
3	"ISO/IEC 10733"	Table G.1/3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachine-entity	–	c36			
4	"ISO/IEC 10733"	Table G.1/4	cONS-networkEntity-Automatic	–	c37			
5	"ISO/IEC 10733"	Table G.1/5	cONS-networkEntity-Management	–	c37			
6	"ISO/IEC 10733"	Table G.1/6	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": coProtocolMachine-entity	–	c37			
7	"ISO/IEC 10733"	Table G.1/7	dSeriesCounts-virtual Call-DCE-Automatic	–	c38			
8	"ISO/IEC 10733"	Table G.1/8	dSeriesCounts-virtual Call-DCE-Management	–	c38			
9	"ISO/IEC 10733"	Table G.1/9	linkage-cLNS-Automatic	–	c39			
10	"ISO/IEC 10733"	Table G.1/10	linkage-cLNS-Management	–	c39			
11	"ISO/IEC 10733"	Table G.1/11	linkage- cONS-Automatic	–	c40			
12	"ISO/IEC 10733"	Table G.1/12	linkage-cONS-Management	–	c40			
13	"ISO/IEC 10733"	Table G.1/13	nSAP-network Subsystem-Automatic	–	c41			
14	"ISO/IEC 10733"	Table G.1/14	nSAP-network Subsystem-Management	–	c41			
15	"ISO/IEC 10733"	Table G.1/15	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sap2-subsystem	–	c41			
16	"ISO/IEC 10733"	Table G.1/16	networkConnection-cONS	–	c42			
17	"ISO/IEC 10733"	Table G.1/17	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": singlePeerConnection-co Protocol Machine	–	c42			
18	"ISO/IEC 10733"	Table G.1/18	networkEntity-network Subsystem-Automatic	–	c43			
19	"ISO/IEC 10733"	Table G.1/19	networkEntity-network Subsystem-Management	–	c43			
20	"ISO/IEC 10733"	Table G.1/20	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEntity-subsystem	–	c43			
21	"ISO/IEC 10733"	Table G.1/21	networkSubsystem-system	–	o.14			
22	"ISO/IEC 10733"	Table G.1/22	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystem-system	–	o.14			
23	"ISO/IEC 10733"	Table G.1/23	permanentVirtual Circuit-DCE-x25PLE-DCE	–	c44			
24	"ISO/IEC 10733"	Table G.1/24	permanentVirtual Circuit-DTE-x25PLE-DTE	–	c45			
25	"ISO/IEC 10733"	Table G.1/25	virtualCall-DCE-x25PLE-DCE-Automatic	–	c46			
26	"ISO/IEC 10733"	Table G.1/26	virtualCall-DCE-x25PLE-DCE-Management	–	c46			
27	"ISO/IEC 10733"	Table G.1/27	virtualCall-DTE-x25PLE-DTE	–	c47			
28	"ISO/IEC 10733"	Table G.1/28	virtualCallIVMO-x25PLE	–	c47			
29	"ISO/IEC 10733"	Table G.1/29	x25PLE-networkSubsystem-Automatic	–	c48			
30	"ISO/IEC 10733"	Table G.1/30	x25PLE-networkSubsystem-Management	–	c48			

TABLE D.7/X.283 *(concluded)*

MRCS support summary

Index	Identification of the document that includes the MOCS proforma	Table numbers of MOCS proforma	Description	Con-straints and values	Status	Support	Table numbers of MRCS	Addi-tional infor-mation
31	"ISO/IEC 10733"	Table G.1/31	x25PLEIVMO-networkSubsystem	–	c49			
32	"ISO/IEC 10164-6"	Table D.1/1	logRecord-log	–	c50			

c36: if D.4/4a then o.6 else –
c37: if D.4/6a then o.7 else –
c38: if D.4/17a then o.8 else –
c39: if D.4/4a and D.4/5a then o.9 else –
c40: if D.4/5a and D.4/6a then o.10 else –
c41: if D.4/3a then o.11 else –
c42: if D.4/7a then o.12 else –
c43: if D.4/2a then o.13 else –
c44: if D.4/13a then o.15 else –
c45: if D.4/12a then o.16 else –
c46: if D.4/16a then o.17 else –
c47: if D.4/15a then o.18 else –
c48: if D.4/8a or D.4/9a then o.19 else –
c49: if D.4/10a or D.4/11a then m else –
c50: if D.5/1a then o else –

TABLE D.8/X.283

MICS support summary

Index	Identification of the document that includes the MOCS proforma	Table numbers of MOCS proforma	Description	Con-straints and values	Status	Support	Table numbers of MICS	Addi-tional infor-mation
1	"ISO/IEC 10733"	Table E.1 – E.42	management operations	–	c51			
2	"ISO/IEC 10733"	Table E.43	notifications	–	c52			
3	"ISO/IEC 10733"	Table E.44	actions	–	c53			

c51: if D.3/1a then m else –
c52: if D.3/4a or D.3/5a or D.3/6a or D.3/7a or D.3/8a or D.3/12a or D.3/13a or D.3/14a or D.3/15a or D.3/16a or D.3/19a D.3/20a or D.3/21a or D.3/22a or D.3/23a or D.3/24a or D.3/25a or D.3/27a or D.3/28a or D.3/29a or D.3/30a or D.3/31a or D.3/32a or D.3/33a or D.3/34a or D.3/35a or D.3/36a or D.3/37a or D.3/38a or D.3/39a or D.3/41a or D.3/42a or D.3/43a or D.3/44a or D.3/45a or D.3/48a or D.3/49a or D.3/50a or D.3/53a or D.3/54a or D.3/55a or D.3/56a or D.3/57a or D.3/58a or D.3/59a D.3/60a then m else –
c53: if D.3/2a or D.3/3a or D.3/9a or D.3/10a or D.3/11a or D.3/17a or D.3/18a or D.3/26a or D.3/40a D.3/46a or D.3/47a or D.3/51a or D.3/52a then m else –

Annexe E

Formulaire MICS[3)]

E.1 Introduction

The purpose of this MICS proforma is to provide a mechanism for a supplier of an implementation which claims conformance, in the manager role, to management information specified in this Recommendation, to provide conformance information in a standard form.

E.2 Instructions for completing the MICS proforma to produce a MICS

The MICS proforma contained in this annex is comprised of information in tabular form, in accordance with ITU-T Rec. X.724 | ISO/IEC 10165-6. In addition to the general guidance given in ITU-T Rec. X.724 | ISO/IEC 10165-6, the Additional information column shall be used to identify the object classes for which the management operations are supported. The supplier of the implementation shall state which items are supported in the tables below and if necessary, provide additional information.

E.3 Symbols, abbreviations and terms

The MICS proforma contained in this annex is comprised of information in tabular form, in accordance with Recommendation X.291 and ISO/IEC 9646-2.

The notations used in the Status and Support columns are specified in D.1.3.

E.4 Statement of conformance to the management information

E.4.1 Attributes

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

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

E.4.1.1 The CLNS managed object

See Table E.1.

TABLE E.1/X.283

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c1		o.1		o.1		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c1		o.1		–		–		–		–		
3	"ISO/IEC 10589:1993": areaAddresses	{2 13 0 1 7 18}	SET OF OCTET STRING	–		o.1		–		–		–		–		
4	"ISO/IEC 10589:1993": areaReceivePasswords	{2 13 0 1 7 112}	SET OF OCTET STRING	c1		o.1		o.1		o.1		o.1		o.1		
5	"ISO/IEC 10589:1993": areaTransmitPassword	{2 13 0 1 7 111}	OCTET STRING	c1		o.1		o.1		–		–		o.1		
6	assemblingSegmentsDiscarded	{2 13 0 2 7 8}	INTEGER	–		o.1		–		–		–		–		
7	"ISO/IEC 10589:1993": attemptsToExceedMaximum SequenceNumber	{2 13 0 1 7 22}	INTEGER	–		o.1		–		–		–		–		
8	"ISO/IEC 10589:1993": authenticationFailures	{2 13 0 1 7 117}	INTEGER	–		o.1		–		–		–		–		
9	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachineId	{2 9 3 5 7 2}	GraphicString	c1		o.1		–		–		–		–		
10	"ISO/IEC 10589:1993": completeSNPInterval	{2 13 0 1 7 8}	INTEGER	c1		o.1		o.1		–		–		–		
11	congestionDiscards	{2 13 0 2 7 11}	INTEGER	–		o.1		–		–		–		–		
12	"ISO/IEC 10589:1993": corruptedLSPsDetected	{2 13 0 1 7 19}	INTEGER	–		o.1		–		–		–		–		
13	"ISO/IEC 10589:1993": dRISISHelloTimer	{2 13 0 1 7 16}	INTEGER	c1		o.1		o.1		–		–		–		
14	"ISO/IEC 10589:1993": domainReceivePasswords	{2 13 0 1 7 114}	SET OF OCTET STRING	c1		o.1		o.1		o.1		o.1		o.1		
15	"ISO/IEC 10589:1993": domainTransmitPassword	{2 13 0 1 7 113}	OCTET STRING	c1		o.1		o.1		–		–		o.1		

TABLE E.1/X.283 *(continued)*

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
16	enableChecksum	{2 13 0 2 7 4}	BOOLEAN	c1		o.1		o.1		–		–		o.1		
17	errorReportsReceived	{2 13 0 2 7 9}	INTEGER	–		o.1		–		–		–		–		
18	"ISO/IEC 10589:1993": iDFieldLengthMismatches	{2 13 0 1 7 25}	INTEGER	–		o.1		–		–		–		–		
19	"ISO/IEC 10589:1993": iSType	{2 13 0 1 7 2}	ENUMERATED	c1		o.1		–		–		–		–		
20	"ISO/IEC 10589:1993": l1State	{2 13 0 1 7 17}	ENUMERATED	–		o.1		–		–		–		–		
21	"ISO/IEC 10589:1993": l2State	{2 13 0 1 7 28}	ENUMERATED	–		o.1		–		–		–		–		
22	"ISO/IEC 10589:1993": ISPL1DatabaseOverloads	{2 13 0 1 7 20}	INTEGER	–		o.1		–		–		–		–		
23	"ISO/IEC 10589:1993": lSPL2DatabaseOverloads	{2 13 0 1 7 32}	INTEGER	–		o.1		–		–		–		–		
24	"ISO/IEC 10589:1993": manualAddressesDropped FromArea	{2 13 0 1 7 21}	INTEGER	–		o.1		–		–		–		–		
25	"ISO/IEC 10589:1993": manualareaAddresses	{2 13 0 1 7 10}	SET OF OCTET STRING	–		o.1		–		–		–		–		
26	"ISO/IEC 10589:1993": maximumAreaAddresses	{2 13 0 1 7 4}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c1		o.1		o.1		–		–		–		
27	"ISO/IEC 10589:1993": maximumAreaAddressesMismatches	{2 13 0 1 7 118}	INTEGER	–		o.1		–		–		–		–		
28	"ISO/IEC 10589:1993": maximumLSPGeneration Interval	{2 13 0 1 7 6}	INTEGER	c1		o.1		o.1		–		–		–		
29	maximumLifetime	{2 13 0 2 7 102}	INTEGER	c1		o.1		o.1		–		–		–		
30	"ISO/IEC 10589:1993": maximumPathSplits	{2 13 0 1 7 3}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c1		o.1		o.1		–		–		–		

TABLE E.1/X.283 *(continued)*

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
31	"ISO/IEC 10589:1993": maximumVirtualAdjacencies	{2 13 0 1 7 27}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c1		o.1		o.1		–		–		o.1		
32	"ISO/IEC 10589:1993": minimumBroadcastLSPTransmissionInterval	{2 13 0 1 7 7}	INTEGER	c1		o.1		o.1		–		–		–		
33	"ISO/IEC 10589:1993": minimumLSPGeneration Interval	{2 13 0 1 7 11}	INTEGER	c1		o.1		o.1		–		–		–		
34	"ISO/IEC 10589:1993": minimumLSPTransmission Interval	{2 13 0 1 7 5}	INTEGER	c1		o.1		o.1		–		–		–		
35	CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c1		o.1		–		–		–		–		
36	CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c1		o.1		–		–		–		–		
37	CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
38	CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		
39	CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		
40	operationalSystemType	{2 13 0 2 7 109}	ENUMERATED	c1		o.1		–		–		–		–		
41	"ISO/IEC 10589:1993": originatingL1LSPBufferSize	{2 13 0 1 7 9}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c1		o.1		o.1		–		–		–		

TABLE E.1/X.283 *(concluded)*

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
42	"ISO/IEC 10589:1993": originatingL2LSPBufferSize	{2 13 0 1 7 26}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c1		o.1		o.1		–		–		o.1		
43	"ISO/IEC 10589:1993": ownLSPPurges	{2 13 0 1 7 24}	INTEGER	–		o.1		–		–		–		–		
44	pDUDiscards	{2 13 0 2 7 10}	INTEGER	–		o.1		–		–		–		–		
45	CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c1		o.1		–		–		–		–		
46	"ISO/IEC 10589:1993": partialSNPInterval	{2 13 0 1 7 14}	INTEGER	c1		o.1		o.1		–		–		–		
47	"ISO/IEC 10589:1993": partitionAreaAddresses	{2 13 0 1 7 29}	SET OF OCTET STRING	–		o.1		–		–		–		–		
48	"ISO/IEC 10589:1993": partitionDesignatedL2 IntermediateSystem	{2 13 0 1 7 30}	OCTET STRING	–		o.1		–		–		–		–		
49	"ISO/IEC 10589:1993": partitionVirtualLinkChanges	{2 13 0 1 7 31}	INTEGER	–		o.1		–		–		–		–		
50	"ISO/IEC 10589:1993": pollESHelloRate	{2 13 0 1 7 13}	INTEGER	c1		o.1		o.1		–		–		–		
51	segmentsDiscarded	{2 13 0 2 7 7}	INTEGER	–		o.1		–		–		–		–		
52	segmentsReceived	{2 13 0 2 7 6}	INTEGER	–		o.1		–		–		–		–		
53	segmentsSent	{2 13 0 2 7 118}	INTEGER	–		o.1		–		–		–		–		
54	"ISO/IEC 10589:1993": sequenceNumberSkips	{2 13 0 1 7 23}	INTEGER	–		o.1		–		–		–		–		
55	supportedProtocols	{2 13 0 2 7 110}	SET OF SEQUENCE	–		o.1		–		–		–		–		
56	"ISO/IEC 10589:1993": systemId	{2 13 0 1 7 119}	OCTET STRING	–		o.1		–		–		–		–		
57	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": totalRemoteSAPs	{2 9 3 5 7 13}	INTEGER	–		o.1		–		–		–		–		
58	"ISO/IEC 10589:1993": version	{2 13 0 1 7 1}	GraphicString	–		o.1		–		–		–		–		
59	"ISO/IEC 10589:1993": waitingTime	{2 13 0 1 7 15}	INTEGER	c1		o.1		o.1		–		–		–		
c1: if E.28/1a then o.1 else –																

E.4.1.2 The CONS managed object

See Table E.2.

TABLE E.2/X.283

cONS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c2		o.1		o.1		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c2		o.1		–		–		–		–		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachineId	{2 9 3 5 7 2}	GraphicString	c2		o.1		–		–		–		–		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c2		o.1		–		–		–		–		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c2		o.1		–		–		–		–		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		
7	operationalSystemType	{2 13 0 2 7 109}	ENUMERATED	c2		o.1		–		–		–		–		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c2		o.1		–		–		–		–		
c2: if E.29/1a then o.1 else –																

E.4.1.3 The Recommendation D-Series counts managed object

See Table E.3.

TABLE E.3/X.283

dSeriesCounts Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c3		o.1		–		–		–		–		
2	dSeriesId	{2 13 0 2 7 140}	GraphicString	c3		o.1		–		–		–		–		
3	dSeriesResetRequestIndicationPackets	{2 13 0 2 7 141}	INTEGER	–		o.1		–		–		–		–		
4	dSeriesSegmentsReceived	{2 13 0 2 7 143}	INTEGER	–		o.1		–		–		–		–		
5	dSeriesSegmentsSent	{2 13 0 2 7 142}	INTEGER	–		o.1		–		–		–		–		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c3		o.1		–		–		–		–		
7	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c3		o.1		–		–		–		–		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c3		o.1		–		–		–		–		
c3: if E.30/1a then o.1 else –																

E.4.1.4 The linkage managed object

See Table E.4

TABLE E.4/X.283

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	activeESConfigTimer	{2 13 0 2 7 22}	SEQUENCE	–		o.1		–		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c4		o.1		o.1		–		–		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c4		o.1		–		–		–		–		
4	"ISO/IEC 10589:1993": authenticationFailures	{2 13 0 1 7 117}	INTEGER	–		o.1		–		–		–		–		
5	"ISO/IEC 10589:1993": callEstablishmentDefault MetricIncrement	{2 13 0 1 7 52}	INTEGER	c4		o.1		o.1		–		–		o.1		
6	"ISO/IEC 10589:1993": callEstablishmentDelayMetric Increment	{2 13 0 1 7 53}	INTEGER	c4		o.1		o.1		–		–		o.1		
7	"ISO/IEC 10589:1993": callEstablishmentErrorMetric Increment	{2 13 0 1 7 55}	INTEGER	c4		o.1		o.1		–		–		o.1		
8	"ISO/IEC 10589:1993": callEstablishmentExpense MetricIncrement	{2 13 0 1 7 54}	INTEGER	c4		o.1		o.1		–		–		o.1		
9	callsFailed	{2 13 0 2 7 30}	INTEGER	–		o.1		–		–		–		–		
10	callsPlaced	{2 13 0 2 7 29}	INTEGER	–		o.1		–		–		–		–		
11	"ISO/IEC 10589:1993": changesInAdjacencyState	{2 13 0 1 7 40}	INTEGER	–		o.1		–		–		–		–		
12	"ISO/IEC 10589:1993": circuitReceivePasswords	{2 13 0 1 7 116}	SET OF OCTET STRING	c4		o.1		o.1		o.1		o.1		o.1		
13	"ISO/IEC 10589:1993": circuitTransmitPassword	{2 13 0 1 7 115}	OCTET STRING	c4		o.1		o.1		–		–		o.1		

TABLE E.4/X.283 *(continued)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
14	defaultESConfigTimer	{2 13 0 2 7 21}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
15	eSReachabilityChanges	{2 13 0 2 7 27}	INTEGER	–		o.1		–		–		–		–		
16	enableChecksum	{2 13 0 2 7 4}	BOOLEAN	c4		o.1		o.1		–		–		o.1		
17	“ISO/IEC 10589:1993”: externalDomain	{2 13 0 1 7 46}	BOOLEAN	c4		o.1		o.1		–		–		o.1		
18	holdingTimerMultiplier	{2 13 0 2 7 20}	INTEGER	c4		o.1		o.1		–		–		o.1		
19	“ISO/IEC 10589:1993”: iDFieldLengthMismatches	{2 13 0 1 7 25}	INTEGER	–		o.1		–		–		–		–		
20	iSConfigurationTimer	{2 13 0 2 7 24}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
21	“ISO/IEC 10589:1993”: iSISControlPDUsReceived	{2 13 0 1 7 44}	INTEGER	–		o.1		–		–		–		–		
22	“ISO/IEC 10589:1993”: iSISControlPDUsSent	{2 13 0 1 7 43}	INTEGER	–		o.1		–		–		–		–		
23	“ISO/IEC 10589:1993”: iSISHelloTimer	{2 13 0 1 7 45}	INTEGER	c4		o.1		o.1		–		–		o.1		
24	iSO9542OperationalSubsets	{2 13 0 2 7 115}	BIT STRING	c4		o.1		o.1		–		–		–		
25	iSReachabilityChanges	{2 13 0 2 7 23}	INTEGER	–		o.1		–		–		–		–		
26	idleTimer	{2 13 0 2 7 31}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
27	initialMinimumTimer	{2 13 0 2 7 33}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
28	“ISO/IEC 10589:1993”: initializationFailures	{2 13 0 1 7 41}	INTEGER	–		o.1		–		–		–		–		
29	invalid9542PDUs	{2 13 0 2 7 101}	INTEGER	–		o.1		–		–		–		–		
30	“ISO/IEC 10589:1993”: l1CircuitID	{2 13 0 1 7 48}	OCTET STRING	–		o.1		–		–		–		–		
31	“ISO/IEC 10589:1993”: l1DefaultMetric	{2 13 0 1 7 35}	INTEGER	c4		o.1		o.1		–		–		o.1		
32	“ISO/IEC 10589:1993”: l1DelayMetric	{2 13 0 1 7 36}	INTEGER	c4		o.1		o.1		–		–		o.1		
33	“ISO/IEC 10589:1993”: l1DesignatedIntermediate System	{2 13 0 1 7 49}	OCTET STRING	–		o.1		–		–		–		–		

TABLE E.4/X.283 *(continued)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
34	"ISO/IEC 10589:1993": l1ErrorMetric	{2 13 0 1 7 38}	INTEGER	c4		o.1		o.1		–		–		o.1		
35	"ISO/IEC 10589:1993": l1ExpenseMetric	{2 13 0 1 7 37}	INTEGER	c4		o.1		o.1		–		–		o.1		
36	"ISO/IEC 10589:1993": l1IntermediateSystemPriority	{2 13 0 1 7 47}	INTEGER	c4		o.1		o.1		–		–		o.1		
37	"ISO/IEC 10589:1993": l2CircuitID	{2 13 0 1 7 74}	OCTET STRING	–		o.1		–		–		–		–		
38	"ISO/IEC 10589:1993": l2DefaultMetric	{2 13 0 1 7 68}	INTEGER	c4		o.1		o.1		–		–		o.1		
39	"ISO/IEC 10589:1993": l2DelayMetric	{2 13 0 1 7 69}	INTEGER	c4		o.1		o.1		–		–		o.1		
40	"ISO/IEC 10589:1993": l2DesignatedIntermediate System	{2 13 0 1 7 75}	OCTET STRING	–		o.1		–		–		–		–		
41	"ISO/IEC 10589:1993": l2ErrorMetric	{2 13 0 1 7 71}	INTEGER	c4		o.1		o.1		–		–		o.1		
42	"ISO/IEC 10589:1993": l2ExpenseMetric	{2 13 0 1 7 70}	INTEGER	c4		o.1		o.1		–		–		o.1		
43	"ISO/IEC 10589:1993": l2IntermediateSystemPriority	{2 13 0 1 7 73}	INTEGER	c4		o.1		o.1		–		–		o.1		
44	"ISO/IEC 10589:1993": lanL1DesignatedIntermediate SystemChanges	{2 13 0 1 7 50}	INTEGER	–		o.1		–		–		–		–		
45	"ISO/IEC 10589:1993": lanL2DesignatedIntermediate SystemChanges	{2 13 0 1 7 76}	INTEGER	–		o.1		–		–		–		–		
46	linkageId	{2 13 0 2 7 17}	GraphicString	c4		o.1		–		–		–		–		
47	manualISSNPAAddress	{2 13 0 2 7 28}	SET OF SEQUENCE	c4		o.1		o.1		o.1		o.1		o.1		
48	"ISO/IEC 10589:1993": manualL2OnlyMode	{2 13 0 1 7 72}	BOOLEAN "ISO/IEC 10589:1993": constraintViolation	c4		o.1		o.1		–		–		o.1		

TABLE E.4/X.283 *(concluded)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
49	"ISO/IEC 10589:1993": maximumAreaAddresses Mismatches	{2 13 0 1 7 118}	INTEGER	–		o.1		–		–		–		–		
50	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c4		o.1		–		–		–		–		
51	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c4		o.1		–		–		–		–		
52	operationalProtocols	{2 13 0 2 7 111}	SET OF SEQUENCE	c4		o.1		–		–		–		–		
53	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		
54	"ISO/IEC 10589:1993": outgoingCallIVMO	{2 13 0 1 7 120}	OCTET STRING	c4		o.1		o.1		–		–		o.1		
55	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c4		o.1		–		–		–		–		
56	"ISO/IEC 10589:1993": ptPtCircuitID	{2 13 0 1 7 51}	OCTET STRING	–		o.1		–		–		–		–		
57	redirectHoldingTime	{2 13 0 2 7 26}	INTEGER	c4		o.1		o.1		–		–		o.1		
58	"ISO/IEC 10589:1993": rejectedAdjacencies	{2 13 0 1 7 42}	INTEGER	–		o.1		–		–		–		–		
59	reserveTimer	{2 13 0 2 7 32}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
60	sN-SAP	{2 13 0 2 7 18}	ObjectInstance	–		o.1		–		–		–		–		
61	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	c4		o.1		–		–		–		–		
62	suggestedESConfiguration Timer	{2 13 0 2 7 25}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
63	"ISO/IEC 10589:1993": type	{2 13 0 1 7 33}	ENUMERATED	c4		o.1		–		–		–		–		
64	neighbourSNPAAddress	{2 13 0 1 7 79}	SEQUENCE	c4		o.1		o.1		–		–		o.1		
c4: if E.31/1a then o.1 else –																

E.4.1.5 The NSAP managed object

See Table E.5.

TABLE E.5/X.283

nSAP Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c5		o.1		–		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c5		o.1		–		–		–		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c5		o.1		–		–		–		–		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c5		o.1		–		–		–		–		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": providerEntityNames	{2 9 3 5 7 7}	SET OF ObjectInstance	–		o.1		–		–		–		–		
6	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sap2Address	{2 9 3 5 7 9}	SET OF OCTET STRING	c5		o.1		–		–		–		–		
7	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sapId	{2 9 3 5 7 10}	GraphicString	c5		o.1		–		–		–		–		
8	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": userEntityNames	{2 9 3 5 7 15}	SET OF ObjectInstance	–		o.1		–		–		–		–		
c5: if E.32/1a then o.1 else –																

E.4.1.6 The network connection managed object

See Table E.6.

TABLE E.6/X.283

networkConnection Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	–		o.1		–		–		–		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": connectionId	{2 9 3 5 7 1}	GraphicString	–		o.1		–		–		–		–		
3	localNSAPMO	{2 13 0 2 7 106}	ObjectInstance	–		o.1		–		–		–		–		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	–		o.1		–		–		–		–		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	–		o.1		–		–		–		–		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	–		o.1		–		–		–		–		
7	remoteNSAPAddress	{2 13 0 2 7 107}	OCTET STRING	–		o.1		–		–		–		–		
8	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": supportedConnectionNames	{2 9 3 5 7 12}	SET OF ObjectInstance	–		o.1		–		–		–		–		
9	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": underlyingConnectionNames	{2 9 3 5 7 14}	SET OF ObjectInstance	–		o.1		–		–		–		–		

E.4.1.7 The network entity managed object

See Table E.7.

TABLE E.7/X.283

networkEntity Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c6		o.1		–		–		–		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c6		o.1		–		–		–		–		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": localSapNames	{2 9 3 5 7 6}	SET OF ObjectInstance	–		o.1		–		–		–		–		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c6		o.1		–		–		–		–		
5	networkEntityTitles	{2 13 0 2 7 3}	SET OF OCTET STRING	c6		o.1		o.1		o.1		o.1		–		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c6		o.1		–		–		–		–		
7	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c6		o.1		–		–		–		–		
9	systemTypes	{2 13 0 2 7 108}	SET OF ENUMERATED	–		o.1		–		–		–		–		
c6: if E.34/1a then o.1 else –																

E.4.1.8 The network subsystem managed object

See Table E.8.

TABLE E.8/X.283

networkSubsystem Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	–		o.1		–		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	–		o.1		–		–		–		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	–		o.1		–		–		–		–		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	–		o.1		–		–		–		–		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystemId	{2 9 3 5 7 11}	GraphicString	–		o.1		–		–		–		–		

E.4.1.9 The permanent virtual circuit-DCE managed object

See Table E.9.

TABLE E.9/X.283

permanentVirtualCircuit-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.1		o.1		–		–		–		–		
2	chargingDirection	{2 13 0 2 7 131}	BOOLEAN	–		o.1		–		–		–		–		
3	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	–		o.1		–		–		–		–		
4	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	–		o.1		–		–		–		–		
5	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	–		o.1		–		–		–		–		
6	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	–		o.1		–		–		–		–		
7	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	–		o.1		–		–		–		–		
8	logicalChannel	{2 13 0 2 7 89}	INTEGER	o.1		o.1		–		–		–		–		
9	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
10	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	o.1		o.1		–		–		–		–		
11	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
12	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		
13	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		

TABLE E.9/X.283 *(concluded)*

permanentVirtualCircuit-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
14	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
15	packetSizes	{2 13 0 2 7 121}	SEQUENCE	o.1		o.1		–		–		–		–		
16	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	–		o.1		–		–		–		–		
17	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	–		o.1		–		–		–		–		
18	remoteDTEAddress	{2 13 0 2 7 93}	SEQUENCE	–		o.1		–		–		–		–		
19	remoteLogicalChannel	{2 13 0 2 7 162}	INTEGER	–		o.1		–		–		–		–		
20	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	–		o.1		–		–		–		–		
21	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	–		o.1		–		–		–		–		
22	resetTimeouts	{2 13 0 2 7 60}	INTEGER	–		o.1		–		–		–		–		
23	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	o.1		o.1		–		–		–		–		
24	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	o.1		o.1		–		–		–		–		
25	windowSizes	{2 13 0 2 7 124}	SEQUENCE	o.1		o.1		–		–		–		–		
26	x25SegmentsReceived	{2 13 0 2 7 171}	INTEGER	–		o.1		–		–		–		–		
27	x25SegmentsSent	{2 13 0 2 7 170}	INTEGER	–		o.1		–		–		–		–		

E.4.1.10 The permanent virtual circuit-DTE managed object

See Table E.10.

TABLE E.10/X.283

permanentVirtualCircuit-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.1		o.1		–		–		–		–		
2	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	–		o.1		–		–		–		–		
3	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	–		o.1		–		–		–		–		
4	dataRetransmissionTimer Expiries	{2 13 0 2 7 58}	INTEGER	–		o.1		–		–		–		–		
5	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	–		o.1		–		–		–		–		
6	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	–		o.1		–		–		–		–		
7	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	–		o.1		–		–		–		–		
8	logicalChannel	{2 13 0 2 7 89}	INTEGER	o.1		o.1		–		–		–		–		
9	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
10	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	o.1		o.1		–		–		–		–		
11	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
12	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		
13	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
14	packetSizes	{2 13 0 2 7 121}	SEQUENCE	o.1		o.1		–		–		–		–		
15	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	–		o.1		–		–		–		–		
16	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	–		o.1		–		–		–		–		
17	resetTimeouts	{2 13 0 2 7 60}	INTEGER	–		o.1		–		–		–		–		
18	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	o.1		o.1		–		–		–		–		
19	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	o.1		o.1		–		–		–		–		
20	windowSizes	{2 13 0 2 7 124}	SEQUENCE	o.1		o.1		–		–		–		–		

E.4.1.11 The virtual call-DCE managed object

See Table E.11.

TABLE E.11/X.283

virtualCall-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c7		o.1		–		–		–		–		
2	bilateralCUGSelection	{2 13 0 2 7 126}	BOOLEAN	–		o.1		–		–		–		–		
3	cUGSelection	{2 13 0 2 7 135}	BOOLEAN	–		o.1		–		–		–		–		
4	cUGWithOutgoingAccessSelection	{2 13 0 2 7 138}	BOOLEAN	–		o.1		–		–		–		–		
5	callRedirectionDeflectionNotification	{2 13 0 2 7 130}	BOOLEAN	–		o.1		–		–		–		–		
6	calledLineAddressModifiedNotification	{2 13 0 2 7 128}	BOOLEAN	–		o.1		–		–		–		–		
7	chargingDirection	{2 13 0 2 7 131}	BOOLEAN	–		o.1		–		–		–		–		
8	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	–		o.1		–		–		–		–		
9	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	–		o.1		–		–		–		–		
10	direction	{2 13 0 2 7 92}	ENUMERATED	–		o.1		–		–		–		–		
11	fastSelect	{2 13 0 2 7 76}	ENUMERATED	–		o.1		–		–		–		–		
12	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	–		o.1		–		–		–		–		
13	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	–		o.1		–		–		–		–		
14	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	–		o.1		–		–		–		–		
15	logicalChannel	{2 13 0 2 7 89}	INTEGER	–		o.1		–		–		–		–		
16	nUISelection	{2 13 0 2 7 155}	BOOLEAN	–		o.1		–		–		–		–		
17	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c7		o.1		–		–		–		–		
18	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c7		o.1		–		–		–		–		

TABLE E.11/X.283 *(concluded)*

virtualCall-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
19	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
20	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		
21	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c7		o.1		–		–		–		–		
22	packetSizes	{2 13 0 2 7 121}	SEQUENCE	–		o.1		–		–		–		–		
23	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	–		o.1		–		–		–		–		
24	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	–		o.1		–		–		–		–		
25	rOASelection	{2 13 0 2 7 166}	BOOLEAN	–		o.1		–		–		–		–		
26	remoteDTEAddress	{2 13 0 2 7 93}	SEQUENCE	–		o.1		–		–		–		–		
27	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	–		o.1		–		–		–		–		
28	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	–		o.1		–		–		–		–		
29	resetTimeouts	{2 13 0 2 7 60}	INTEGER	–		o.1		–		–		–		–		
30	reverseCharging	{2 13 0 2 7 75}	BOOLEAN	–		o.1		–		–		–		–		
31	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	–		o.1		–		–		–		–		
32	transitDelaySelectionAnd Indication	{2 13 0 2 7 169}	BOOLEAN	–		o.1		–		–		–		–		
33	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	c7		o.1		–		–		–		–		
34	windowSizes	{2 13 0 2 7 124}	SEQUENCE	–		o.1		–		–		–		–		
35	x25SegmentsReceived	{2 13 0 2 7 171}	INTEGER	–		o.1		–		–		–		–		
36	x25SegmentsSent	{2 13 0 2 7 170}	INTEGER	–		o.1		–		–		–		–		
c7: if E.37/1a then o.1 else –																

E.4.1.12 The virtual call-DTE managed object

See Table E.12.

TABLE E.12/X.283

virtualCall-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	–		o.1		–		–		–		–		
2	calledAddressExtension	{2 13 0 2 7 100}	OCTET STRING	–		o.1		–		–		–		–		
3	callingAddressExtension	{2 13 0 2 7 99}	OCTET STRING	–		o.1		–		–		–		–		
4	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	–		o.1		–		–		–		–		
5	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	–		o.1		–		–		–		–		
6	dataRetransmissionTimer Expiries	{2 13 0 2 7 58}	INTEGER	–		o.1		–		–		–		–		
7	direction	{2 13 0 2 7 92}	ENUMERATED	–		o.1		–		–		–		–		
8	fastSelect	{2 13 0 2 7 76}	ENUMERATED	–		o.1		–		–		–		–		
9	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	–		o.1		–		–		–		–		
10	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	–		o.1		–		–		–		–		
11	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	–		o.1		–		–		–		–		
12	logicalChannel	{2 13 0 2 7 89}	INTEGER	–		o.1		–		–		–		–		
13	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	–		o.1		–		–		–		–		
14	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	–		o.1		–		–		–		–		
15	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
16	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		

TABLE E.12/X.283 *(concluded)*

virtualCall-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
17	originallyCalledAddress	{2 13 0 2 7 98}	SEQUENCE	–		o.1		–		–		–		–		
18	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	–		o.1		–		–		–		–		
19	packetSizes	{2 13 0 2 7 121}	SEQUENCE	–		o.1		–		–		–		–		
20	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	–		o.1		–		–		–		–		
21	redirectReason	{2 13 0 2 7 97}	INTEGER	–		o.1		–		–		–		–		
22	remoteDTEAddress	{2 13 0 2 7 93}	SEQUENCE	–		o.1		–		–		–		–		
23	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	–		o.1		–		–		–		–		
24	resetTimeouts	{2 13 0 2 7 60}	INTEGER	–		o.1		–		–		–		–		
25	reverseCharging	{2 13 0 2 7 75}	BOOLEAN	–		o.1		–		–		–		–		
26	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	–		o.1		–		–		–		–		
27	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	–		o.1		–		–		–		–		
28	windowSizes	{2 13 0 2 7 124}	SEQUENCE	–		o.1		–		–		–		–		

E.4.1.13 The virtual call initial values managed object

See Table E.13.

TABLE E.13/X.283

virtualCallIVMO Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.1		o.1		–		–		–		–		
2	fastSelect	{2 13 0 2 7 76}	ENUMERATED	o.1		o.1		o.1		–		–		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	o.1		o.1		–		–		–		–		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
6	packetSizes	{2 13 0 2 7 121}	SEQUENCE	o.1		o.1		o.1		–		–		–		
7	reverseCharging	{2 13 0 2 7 75}	BOOLEAN	o.1		o.1		o.1		–		–		–		
8	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	o.1		o.1		o.1		–		–		–		
9	virtualCallIVMOId	{2 13 0 2 7 117}	GraphicString	o.1		o.1		–		–		–		–		
10	windowSizes	{2 13 0 2 7 124}	SEQUENCE	o.1		o.1		o.1		–		–		–		

E.4.1.14 The X25 PLE-DCE managed object

See Table E.14.

TABLE E.14/X.283

x25PLE-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c8		o.1		o.1		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c8		o.1		–		–		–		–		
3	bilateralCUG	{2 13 0 2 7 125}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
4	bilateralCUGWithOutgoing Access	{2 13 0 2 7 127}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
5	cUG	{2 13 0 2 7 134}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
6	cUGWithIncomingAccess	{2 13 0 2 7 136}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
7	cUGWithOutgoingAccess	{2 13 0 2 7 137}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
8	callAttempts	{2 13 0 2 7 52}	INTEGER	–		o.1		–		–		–		–		
9	callDeflectionSubscription	{2 13 0 2 7 114}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
10	callRedirection	{2 13 0 2 7 129}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
11	callsConnected	{2 13 0 2 7 53}	INTEGER	–		o.1		–		–		–		–		
12	chargingInformation	{2 13 0 2 7 132}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
13	clearIndication	{2 13 0 2 7 133}	INTEGER	c8		o.1		o.1		–		–		–		
14	dBitModification	{2 13 0 2 7 139}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
15	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	–		o.1		–		–		–		–		
16	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	–		o.1		–		–		–		–		
17	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	c8		o.1		o.1		–		–		o.1		
18	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	c8		o.1		o.1		–		–		o.1		
19	defaultThroughputClasses Assignment	{2 13 0 2 7 144}	SEQUENCE	c8		o.1		o.1		–		–		o.1		
20	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	c8		o.1		o.1		–		–		o.1		
21	extendedPacketSequence Numbering	{2 13 0 2 7 49}	INTEGER	c8		o.1		o.1		–		–		o.1		
22	fastSelectAcceptance	{2 13 0 2 7 145}	BOOLEAN	c8		o.1		o.1		–		–		o.1		

TABLE E.14/X.283 *(continued)*

x25PLE-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
23	flowControlParameter Negotiation	{2 13 0 2 7 119}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
24	huntGroup	{2 13 0 2 7 146}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
25	incomingCall	{2 13 0 2 7 147}	INTEGER	c8		o.1		o.1		–		–		–		
26	incomingCallBarred WithinCUG	{2 13 0 2 7 149}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
27	incomingCallsBarred	{2 13 0 2 7 148}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
28	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	–		o.1		–		–		–		–		
29	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	–		o.1		–		–		–		–		
30	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	–		o.1		–		–		–		–		
31	localChargingPrevention	{2 13 0 2 7 150}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
32	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	c8		o.1		o.1		–		–		–		
33	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	c8		o.1		o.1		–		–		–		
34	nUIOverride	{2 13 0 2 7 154}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
35	nUISubscription	{2 13 0 2 7 153}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
36	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c8		o.1		–		–		–		–		
37	nonStandardDefault PacketSizes	{2 13 0 2 7 151}	SEQUENCE	c8		o.1		o.1		–		–		o.1		
38	nonStandardDefault WindowSizes	{2 13 0 2 7 152}	SEQUENCE	c8		o.1		o.1		–		–		o.1		
39	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c8		o.1		–		–		–		–		
40	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
41	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		
42	oneWayLogicalChannel Incoming	{2 13 0 2 7 156}	BOOLEAN	c8		o.1		o.1		–		–		o.1		

TABLE E.14/X.283 *(concluded)*

x25PLE-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
43	oneWayLogicalChannel Outgoing	{2 13 0 2 7 157}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
44	onlineFacilityRegistration	{2 13 0 2 7 158}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
45	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		
46	outgoingCallBarred WithinCUG	{2 13 0 2 7 160}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
47	outgoingCallsBarred	{2 13 0 2 7 159}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
48	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c8		o.1		–		–		–		–		
49	packetRetransmission	{2 13 0 2 7 161}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
50	protocolVersionSupported	{2 13 0 2 7 38}	ENUMERATED	–		o.1		–		–		–		–		
51	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	–		o.1		–		–		–		–		
52	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	–		o.1		–		–		–		–		
53	rOASubscription	{2 13 0 2 7 167}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
54	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	–		o.1		–		–		–		–		
55	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	–		o.1		–		–		–		–		
56	resetIndication	{2 13 0 2 7 163}	INTEGER	c8		o.1		o.1		–		–		–		
57	resetTimeouts	{2 13 0 2 7 60}	INTEGER	–		o.1		–		–		–		–		
58	restartIndication	{2 13 0 2 7 164}	INTEGER	c8		o.1		o.1		–		–		–		
59	reverseChargingAcceptance	{2 13 0 2 7 165}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
60	sN-SAP	{2 13 0 2 7 18}	ObjectInstance	–		o.1		–		–		–		–		
61	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	c8		o.1		o.1		–		–		o.1		
62	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	c8		o.1		o.1		–		–		o.1		
63	x25PLEId	{2 13 0 2 7 36}	GraphicString	c8		o.1		–		–		–		–		
64	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	c8		o.1		o.1		–		–		–		
65	x25SegmentsReceived	{2 13 0 2 7 171}	INTEGER	–		o.1		–		–		–		–		
66	x25SegmentsSent	{2 13 0 2 7 170}	INTEGER	–		o.1		–		–		–		–		
c8: if E.39/1a then o.1 else –																

E.4.1.15 The X25 PLE-DTE managed object

See Table E.15.

TABLE E.15/X.283

x25PLE-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c9		o.1		o.1		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c9		o.1		–		–		–		–		
3	callAttempts	{2 13 0 2 7 52}	INTEGER	–		o.1		–		–		–		–		
4	callDeflectionSubscription	{2 13 0 2 7 114}	BOOLEAN	c9		o.1		o.1		–		–		o.1		
5	callEstablishmentRetryCounts Exceeded	{2 13 0 2 7 65}	INTEGER	–		o.1		–		–		–		–		
6	callRequestResponseTimer	{2 13 0 2 7 77}	INTEGER	c9		o.1		o.1		–		–		o.1		
7	callTimeouts	{2 13 0 2 7 55}	INTEGER	–		o.1		–		–		–		–		
8	callsConnected	{2 13 0 2 7 53}	INTEGER	–		o.1		–		–		–		–		
9	clearCountsExceeded	{2 13 0 2 7 66}	INTEGER	–		o.1		–		–		–		–		
10	clearRequestResponseTimer	{2 13 0 2 7 79}	INTEGER	c9		o.1		o.1		–		–		o.1		
11	clearRequestRetransmission Count	{2 13 0 2 7 81}	INTEGER	c9		o.1		o.1		–		–		o.1		
12	clearTimeouts	{2 13 0 2 7 56}	INTEGER	–		o.1		–		–		–		–		
13	dataPacketRetransmission Count	{2 13 0 2 7 85}	INTEGER	c9		o.1		o.1		–		–		o.1		
14	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	–		o.1		–		–		–		–		
15	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	–		o.1		–		–		–		–		
16	dataRetransmissionTimer Expiries	{2 13 0 2 7 58}	INTEGER	–		o.1		–		–		–		–		
17	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	c9		o.1		o.1		–		–		o.1		
18	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	c9		o.1		o.1		–		–		o.1		
19	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	c9		o.1		o.1		–		–		o.1		
20	extendedPacketSequence Numbering	{2 13 0 2 7 49}	INTEGER	c9		o.1		o.1		–		–		o.1		

TABLE E.15/X.283 *(continued)*

x25PLE-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
21	flowControlParameter Negotiation	{2 13 0 2 7 119}	BOOLEAN	c9		o.1		o.1		–		–		o.1		
22	interruptResponseTimer	{2 13 0 2 7 82}	INTEGER	c9		o.1		o.1		–		–		o.1		
23	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	c9		o.1		o.1		–		–		o.1		
24	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	c9		o.1		o.1		–		–		–		
25	maxActiveCircuits	{2 13 0 2 7 41}	CHOICE	c9		o.1		o.1		–		–		o.1		
26	minimumRecallTimer	{2 13 0 2 7 43}	INTEGER	c9		o.1		o.1		–		–		o.1		
27	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c9		o.1		–		–		–		–		
28	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c9		o.1		–		–		–		–		
29	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	–		o.1		–		–		–		–		
30	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	–		o.1		–		–		–		–		
31	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.1		–		–		–		–		
32	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c9		o.1		–		–		–		–		
33	protocolErrorsAccusedOf	{2 13 0 2 7 64}	INTEGER	–		o.1		–		–		–		–		
34	protocolErrorsDetected Locally	{2 13 0 2 7 63}	INTEGER	–		o.1		–		–		–		–		
35	protocolVersionSupported	{2 13 0 2 7 38}	ENUMERATED	–		o.1		–		–		–		–		
36	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	–		o.1		–		–		–		–		
37	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	–		o.1		–		–		–		–		
38	registrationPermitted	{2 13 0 2 7 105}	BOOLEAN	c9		o.1		o.1		–		–		o.1		
39	registrationRequestResponse Timer	{2 13 0 2 7 44}	INTEGER	c9		o.1		o.1		–		–		o.1		

TABLE E.15/X.283 *(concluded)*

x25PLE-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
40	registrationRequest RetransmissionCount	{2 13 0 2 7 46}	INTEGER	c9		o.1		o.1		–		–		o.1		
41	rejectResponseTimer	{2 13 0 2 7 86}	INTEGER	c9		o.1		o.1		–		–		o.1		
42	rejectRetransmissionCount	{2 13 0 2 7 87}	INTEGER	c9		o.1		o.1		–		–		o.1		
43	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	–		o.1		–		–		–		–		
44	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	–		o.1		–		–		–		–		
45	resetRequestResponseTimer	{2 13 0 2 7 78}	INTEGER	c9		o.1		o.1		–		–		o.1		
46	resetRequestRetransmission Count	{2 13 0 2 7 80}	INTEGER	c9		o.1		o.1		–		–		o.1		
47	resetTimeouts	{2 13 0 2 7 60}	INTEGER	–		o.1		–		–		–		–		
48	restartCountsExceeded	{2 13 0 2 7 62}	INTEGER	–		o.1		–		–		–		–		
49	restartRequestResponseTimer	{2 13 0 2 7 42}	INTEGER	c9		o.1		o.1		–		–		o.1		
50	restartRequestRetransmission Count	{2 13 0 2 7 45}	INTEGER	c9		o.1		o.1		–		–		o.1		
51	sN-SAP	{2 13 0 2 7 18}	ObjectInstance	–		o.1		–		–		–		–		
52	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	c9		o.1		o.1		–		–		o.1		
53	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	c9		o.1		o.1		–		–		o.1		
54	windowRotationTimer	{2 13 0 2 7 84}	INTEGER	c9		o.1		o.1		–		–		o.1		
55	windowStatusTransmission Timer	{2 13 0 2 7 83}	INTEGER	c9		o.1		o.1		–		–		o.1		
56	x25PLEId	{2 13 0 2 7 36}	GraphicString	c9		o.1		–		–		–		–		
57	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	c9		o.1		o.1		–		–		–		
c9: if E.40/1a then o.1 else –																

E.4.1.16 The X25 PLE-DCE initial values managed object

See Table E.16.

TABLE E.16/X.283

x25PLEIVMO-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.1		o.1		–		–		–		–		
2	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	o.1		o.1		o.1		–		–		o.1		
3	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	o.1		o.1		o.1		–		–		o.1		
4	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	o.1		o.1		o.1		–		–		o.1		
5	flowControlParameter Negotiation	{2 13 0 2 7 119}	BOOLEAN	o.1		o.1		o.1		–		–		o.1		
6	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	o.1		o.1		o.1		–		–		–		
7	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	o.1		o.1		o.1		–		–		–		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
9	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	o.1		o.1		–		–		–		–		
10	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
11	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	o.1		o.1		o.1		–		–		–		
12	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	o.1		o.1		o.1		–		–		o.1		
13	x25PLEIVMOId	{2 13 0 2 7 37}	GraphicString	o.1		o.1		–		–		–		–		
14	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	o.1		o.1		o.1		–		–		–		

E.4.1.17 The X25 PLE-DTE initial values managed object

See Table E.17.

TABLE E.17/X.283

x25PLEIVMO-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.1		o.1		–		–		–		–		
2	callDeflectionSubscription	{2 13 0 2 7 114}	BOOLEAN	o.1		o.1		o.1		–		–		o.1		
3	callRequestResponseTimer	{2 13 0 2 7 77}	INTEGER	o.1		o.1		o.1		–		–		o.1		
4	clearRequestResponseTimer	{2 13 0 2 7 79}	INTEGER	o.1		o.1		o.1		–		–		o.1		
5	clearRequestRetransmission Count	{2 13 0 2 7 81}	INTEGER	o.1		o.1		o.1		–		–		o.1		
6	dataPacketRetransmission Count	{2 13 0 2 7 85}	INTEGER	o.1		o.1		o.1		–		–		o.1		
7	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	o.1		o.1		o.1		–		–		o.1		
8	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	o.1		o.1		o.1		–		–		o.1		
9	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	o.1		o.1		o.1		–		–		o.1		
10	extendedPacketSequence Numbering	{2 13 0 2 7 49}	INTEGER	o.1		o.1		o.1		–		–		o.1		
11	flowControlParameter Negotiation	{2 13 0 2 7 119}	BOOLEAN	o.1		o.1		o.1		–		–		o.1		
12	interruptResponseTimer	{2 13 0 2 7 82}	INTEGER	o.1		o.1		o.1		–		–		o.1		
13	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	o.1		o.1		o.1		–		–		–		
14	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	o.1		o.1		o.1		–		–		–		
15	maxActiveCircuits	{2 13 0 2 7 41}	CHOICE	o.1		o.1		o.1		–		–		o.1		
16	minimumRecallTimer	{2 13 0 2 7 43}	INTEGER	o.1		o.1		o.1		–		–		o.1		
17	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
18	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	o.1		o.1		–		–		–		–		

TABLE E.17/X.283 *(concluded)*

x25PLEIVMO-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
19	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.1		o.1		–		–		–		–		
20	registrationPermitted	{2 13 0 2 7 105}	BOOLEAN	o.1		o.1		o.1		–		–		o.1		
21	registrationRequestResponse Timer	{2 13 0 2 7 44}	INTEGER	o.1		o.1		o.1		–		–		o.1		
22	registrationRequest RetransmissionCount	{2 13 0 2 7 46}	INTEGER	o.1		o.1		o.1		–		–		o.1		
23	rejectResponseTimer	{2 13 0 2 7 86}	INTEGER	o.1		o.1		o.1		–		–		o.1		
24	rejectRetransmissionCount	{2 13 0 2 7 87}	INTEGER	o.1		o.1		o.1		–		–		o.1		
25	resetRequestResponseTimer	{2 13 0 2 7 78}	INTEGER	o.1		o.1		o.1		–		–		o.1		
26	resetRequestRetransmission Count	{2 13 0 2 7 80}	INTEGER	o.1		o.1		o.1		–		–		o.1		
27	restartRequestResponseTimer	{2 13 0 2 7 42}	INTEGER	o.1		o.1		o.1		–		–		o.1		
28	restartRequestRetransmission Count	{2 13 0 2 7 45}	INTEGER	o.1		o.1		o.1		–		–		o.1		
29	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	o.1		o.1		o.1		–		–		–		
30	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	o.1		o.1		o.1		–		–		o.1		
31	windowRotationTimer	{2 13 0 2 7 84}	INTEGER	o.1		o.1		o.1		–		–		o.1		
32	windowStatusTransmission Timer	{2 13 0 2 7 83}	INTEGER	o.1		o.1		o.1		–		–		o.1		
33	x25PLEIVMOId	{2 13 0 2 7 37}	GraphicString	o.1		o.1		–		–		–		–		
34	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	o.1		o.1		o.1		–		–		–		

E.4.2 Attribute groups

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

E.4.2.1 The CLNS managed object

See Table E.18.

TABLE E.18/X.283

cLNS Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		o.1		–		

E.4.2.2 The CONS managed object

See Table E.19.

TABLE E.19/X.283

cONS Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		o.1		–		

E.4.2.3 The Recommendation D-Series counts managed object

See Table E.20.

TABLE E.20/X.283

dSeriesCounts Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		

E.4.2.4 The linkage managed object

See Table E.21.

TABLE E.21/X.283

linkage Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		o.1		–		

E.4.2.5 The permanent virtual circuit-DCE managed object

See Table E.22.

TABLE E.22/X.283

permanentVirtualCircuit-DCE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		o.1		–		

E.4.2.6 The permanent virtual circuit-DTE managed object

See Table E.23.

TABLE E.23/X.283

permanentVirtualCircuit-DTE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		

E.4.2.7 The virtual call-DCE managed object

See Table E.24.

TABLE E.24/X.283

virtualCall-DCE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		

E.4.2.8 The virtual call-DTE managed object

See Table E.25.

TABLE E.25/X.283

virtualCall-DTE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		

E.4.2.9 The X25 PLE-DCE managed object

See Table E.26.

TABLE E.26/X.283

x25PLE-DCE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		o.1		–		

E.4.2.10 The X25 PLE-DTE managed object

See Table E.27.

TABLE E.27/X.283

x25PLE-DTE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		o.1		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		o.1		–		

E.4.3 Create and delete management operations

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

E.4.3.1 The CLNS managed object

See Table E.28.

TABLE E.28/X.283

cLNS create and delete support

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

E.4.3.2 The CONS managed object

See Table E.29.

TABLE E.29/X.283

cONS create and delete support

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

E.4.3.3 The Recommendation D-Series counts managed object

See Table E.30.

TABLE E.30/X.283

dSeriesCounts create and delete support

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

E.4.3.4 The linkage managed object

See Table E.31.

TABLE E.31/X.283

linkage create and delete support

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

E.4.3.5 The NSAP managed object

See Table E.32.

TABLE E.32/X.283

nSAP create and delete support

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

E.4.3.6 The network connection managed object

See Table E.33.

TABLE E.33/X.283

networkConnection create and delete support

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

E.4.3.7 The network entity managed object

See Table E.34.

TABLE E.34/X.283

networkEntity create and delete support

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

E.4.3.8 The permanent virtual circuit-DCE managed object

See Table E.35.

TABLE E.35/X.283

permanentVirtualCircuit-DCE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	permanentVirtualCircuit-DCE MO	o.1		
1.1	Create with reference object	–	–		
2	Delete support	permanentVirtualCircuit-DCE MO	o.1		

E.4.3.9 The permanent virtual circuit-DTE managed object

See Table E.36.

TABLE E.36/X.283

permanentVirtualCircuit-DTE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	permanentVirtualCircuit-DTE MO	o.1		
1.1	Create with reference object	–	–		
2	Delete support	permanentVirtualCircuit-DTE MO	o.1		

E.4.3.10 The virtual call-DCE managed object

See Table E.37.

TABLE E.37/X.283

virtualCall-DCE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	virtualCall-DCE MO	o		
1.1	Create with reference object	–	–		
2	Delete support	virtualCall-DCE MO	o.1		

E.4.3.11 The virtual call initial values managed object

See Table E.38.

TABLE E.38/X.283

virtualCallIVMO create and delete support

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

E.4.3.12 The X25 PLE-DCE managed object

See Table E.39.

TABLE E.39/X.283

x25PLE-DCE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	x25PLE-DCE MO	o		
1.1	Create with reference object	–	o		
2	Delete support	x25PLE-DCE MO	o.1		

E.4.3.13 The X25 PLE-DTE managed object

See Table E.40.

TABLE E.40/X.283

x25PLE-DTE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	x25PLE-DTE MO	o		
1.1	Create with reference object	–	o		
2	Delete support	x25PLE-DTE MO	o.1		

E.4.3.14 The X25 PLE-DCE initial values managed object

See Table E.41.

TABLE E.41/X.283

x25PLEIVMO-DCE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	x25PLEIVMO-DCE MO	o.1		
1.1	Create with reference object	–	o.1		
2	Delete support	x25PLEIVMO-DCE MO	o.1		

E.4.3.15 The X25 PLE-DTE initial values managed object

See Table E.42.

TABLE E.42/X.283

x25PLEIVMO-DTE create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	x25PLEIVMO-DTE MO	o.1		
1.1	Create with reference object	–	o.1		
2	Delete support	x25PLEIVMO-DTE MO	o.1		

E.4.4 Notifications

The specifier of a manager role implementation that claims to support the notifications specified in this Recommendation shall import a copy of Table E.43 and complete it.

TABLE E.43/X.283

Notification support

					Support									
Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Non con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": communications Alarm	{2 9 3 2 10 2}		c10				1.1	AlarmInfo	–	**Information Syntax** SEQUENCE	c10		
								1.1.1	probable Cause	{2 9 3 2 7 18}	CHOICE	c:m		
								1.1.1.1	globalValue	–	OBJECT IDENTIFIER	c:m		
								1.1.1.2	localValue	–	INTEGER	c:m		
								1.1.2	specific Problems	{2 9 3 2 7 27}	SET OF CHOICE	c:m		
								1.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:m		
								1.1.2.2	INTEGER	–	INTEGER	c:m		
								1.1.3	perceived Severity	{2 9 3 2 7 17}	ENUMERATED	c:m		
								1.1.4	backedUp Status	{2 9 3 2 7 11}	BOOLEAN	c:m		
								1.1.5	backUp Object	{2 9 3 2 7 40}	ObjectInstance	c:m		
								1.1.6	trend Indication	{2 9 3 2 7 30}	ENUMERATED	c:m		
								1.1.7	thresholdInfo	{2 9 3 2 7 29}	SEQUENCE	c:m		

TABLE E.43/X.283 *(continued)*

Notification support

					Support									
Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Non con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								1.1.7.1	triggered Threshold	–	AttributeId	c:m		
								1.1.7.2	observed Value	–	CHOICE	c:m		
								1.1.7.2.1	integer	–	INTEGER	c:m		
								1.1.7.2.2	real	–	REAL	c:m		
								1.1.7.3	threshold Level	–	CHOICE	c:m		
								1.1.7.3.1	up	–	SEQUENCE	c:m		
								1.1.7.3.1.1	high	–	CHOICE	c:m		
								1.1.7.3.1.1.1	integer	–	INTEGER	c:m		
								1.1.7.3.1.1.2	real	–	REAL	c:m		
								1.1.7.3.1.2	low	–	CHOICE	c:m		
								1.1.7.3.1.2.1	integer	–	INTEGER	c:m		
								1.1.7.3.1.2.2	real	–	REAL	c:m		
								1.1.7.3.2	down	–	SEQUENCE	c:m		
								1.1.7.3.2.1	high	–	CHOICE	c:m		
								1.1.7.3.2.1.1	integer	–	INTEGER	c:m		
								1.1.7.3.2.1.2	real	–	REAL	c:m		
								1.1.7.3.2.2	low	–	CHOICE	c:m		
								1.1.7.3.2.2.1	integer	–	INTEGER	c:m		
								1.1.7.3.2.2.2	real	–	REAL	c:m		
								1.1.7.4	armTime	–	Generalized Time	c:m		
								1.1.8	notification Identifier	{2 9 3 2 7 16}	INTEGER	c:m		

TABLE E.43/X.283 *(continued)*

Notification support

					Support									
Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Non con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								1.1.9	correlated Notifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								1.1.9.1	correlated Notifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.9.2	source ObjectInst	–	ObjectInstance	c:m		
								1.1.10	stateChange Definition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
								1.1.10.1	attributeID	–	AttributeId	c:m		
								1.1.10.2	oldAttribute Value	–	ANY DEFINED BY attributeID	c:m		
								1.1.10.3	newAttribute Value	–	ANY DEFINED BY attributeID	c:m		
								1.1.11	monitored Attributes	{2 9 3 2 7 15}	SET OF Attribute	c:m		
								1.1.12	proposed Repair Actions	{2 9 3 2 7 19}	SET OF CHOICE	c:m		
								1.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:m		
								1.1.12.2	INTEGER	–	INTEGER	c:m		
								1.1.13	additional Text	{2 9 3 2 7 7}	GraphicString	c:m		
								1.1.14	additional Information	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								1.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.14.2	significance	–	BOOLEAN	c:m		
								1.1.14.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE E.43/X.283 *(continued)*

Notification support

					Support									
Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Non con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		c11				2.1	ObjectInfo	–	**Information Syntax** SEQUENCE	c11		
								2.1.1	source Indicator	{2 9 3 2 7 26}	ENUMERATED	c:m		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	c:m		
								2.1.3	notification Identifier	{2 9 3 2 7 16}	INTEGER	c:m		
								2.1.4	correlated Notifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								2.1.4.1	correlated Notifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObject Inst	–	ObjectInstance	c:m		
								2.1.5	additional Text	{2 9 3 2 7 7}	GraphicString	c:m		
								2.1.6	additional Information	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:m		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE E.43/X.283 *(continued)*

Notification support

					Support									
Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Non con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		c12				3.1	ObjectInfo	–	**Information Syntax** SEQUENCE	c12		
								3.1.1	source Indicator	{2 9 3 2 7 26}	ENUMERATED	c:m		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	c:m		
								3.1.3	notification Identifier	{2 9 3 2 7 16}	INTEGER	c:m		
								3.1.4	correlated Notifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								3.1.4.1	correlated Notifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObject Inst	–	ObjectInstance	c:m		
								3.1.5	additional Text	{2 9 3 2 7 7}	GraphicString	c:m		
								3.1.6	additional Information	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:m		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE E.43/X.283 *(continued)*

Notification support

Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Non con-firmed	Non con-firmed								
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		c13				4.1	StateChange Info	–	**Information Syntax** SEQUENCE	c13		
								4.1.1	source Indicator	{2 9 3 2 7 26}	ENUMERATED	c:m		
								4.1.2	attribute IdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	c:m		
								4.1.3	stateChange Definition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
								4.1.3.1	attributeID	–	AttributeId	c:m		
								4.1.3.2	oldAttribute Value	–	ANY DEFINED BY attributeID	c:m		
								4.1.3.3	newAttribute Value	–	ANY DEFINED BY attributeID	c:m		
								4.1.4	notification Identifier	{2 9 3 2 7 16}	INTEGER	c:m		
								4.1.5	correlated Notifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								4.1.5.1	correlated Notifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								4.1.5.2	source ObjectInst	–	ObjectInstance	c:m		
								4.1.6	additional Text	{2 9 3 2 7 7}	GraphicString	c:m		
								4.1.7	additional Information	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								4.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								4.1.7.2	significance	–	BOOLEAN	c:m		
								4.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE E.43/X.283 *(concluded)*

Notification support

					Support									
Index	Notification type templace label	Value of object identifier for notification type	Constraints and values	Status	Non con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communications Information	{2 9 3 5 10 0}		c14				5.1	Commu-nications Information	–	**Information Syntax** SEQUENCE	c14		
								5.1.1	information Type	{2 9 3 5 7 5}	OBJECT IDENTIFIER	c:m		
								5.1.2	information Data	{2 9 3 5 7 4}	SET OF SEQUENCE	c:m		
								5.1.2.1	identifier	–	OBJECT IDENTIFIER	c:m		
								5.1.2.2	significance	–	BOOLEAN	c:m		
								5.1.2.3	information	–	ANY DEFINED BY identifier	c:m		

c10: if D.3/4a or D.3/19a or D.3/53a then m else –
c11: if D.3/6a or D.3/12a or D.3/15a or D.3/21a or D.3/24a or D.3/28a or D.3/30a or D.3/32a or D.3/35a or D.3/38a or D.3/42a or D.3/44a or D.3/48a or D.3/54a or D.3/57a or D.3/59a then m else –
c12: if D.3/7a or D.3/13a or D.3/17a or D.3/22a or D.3/25a or D.3/29a or D.3/31a or D.3/33a or D.3/36a or D.3/39a or D.3/43a or D.3/45a or D.3/49a or D.3/55a or D.3/58a or D.3/60a then m else –
c13: if D.3/8a or D.3/14a or D.3/23a or D.3/34a or D.3/50a or D.3/56a then m else –
c14: if D.3/5a or D.3/20a or D.3/27a or D.3/37a or D.3/41a then m else –

E.4.5 Actions

The specifier of a manager role implementation that claims to support the actions specified in this Recommendation shall import a copy of Table E.44 and complete it.

TABLE E.44/X.283

Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": activate	{2 9 3 5 9 0}		c15			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	c15		
							1.1.1	identifier	OBJECT IDENTIFIER	c:m		
							1.1.2	significance	BOOLEAN	c:o		
							1.1.3	information	ANY DEFINED BY identifier	c:m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	c:m		
							1.2.1	identifier	OBJECT IDENTIFIER	c:m		
							1.2.2	significance	BOOLEAN	c:o		
							1.2.3	information	ANY DEFINED BY identifier	c:m		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		c16			2.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	c16		
							2.1.1	identifier	OBJECT IDENTIFIER	c:m		
							2.1.2	significance	BOOLEAN	c:o		

TABLE E.44/X.283 *(concluded)*

Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
							2.1.3	information	ANY DEFINED BY identifier	c:m		
							2.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	c:m		
							2.2.1	identifier	OBJECT IDENTIFIER	c:m		
							2.2.2	significance	BOOLEAN	c:o		
							2.2.3	information	ANY DEFINED BY identifier	c:m		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivateWhen NoUsers	{2 9 3 5 9 2}		c17			3.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	c17		
							3.1.1	identifier	OBJECT IDENTIFIER	c:m		
							3.1.2	significance	BOOLEAN	c:o		
							3.1.3	information	ANY DEFINED BY identifier	c:m		
							3.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	c:m		
							3.2.1	identifier	OBJECT IDENTIFIER	c:m		
							3.2.2	significance	BOOLEAN	c:o		
							3.2.3	information	ANY DEFINED BY identifier	c:m		

c15: if D.3/2a or D.3/9a or D.3/17a or D.3/46a or D.3/51 then m else –
c16: if D.3/3a or D.3/10a or D.3/18a or D.3/40a or D.3/47a or D.3/52 then m else –
c17: if D.3/11a then m else –

E.4.6 Parameters

The specifier of a manager role implementation that claims to support the parameters specified in this Recommendation shall import a copy of Table E.45 and complete it.

TABLE E.45/X.283

Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	notificationPDUHeader	{2 13 0 2 5 1}	EVENT-INFO communicationsAlarm	c18		
2	"ISO/IEC 10589:1993": notificationAreaAddress	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c18		
3	"ISO/IEC 10589:1993": notificationIDLength	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c18		
4	"ISO/IEC 10589:1993": notificationAreaAddress	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c18		
5	"ISO/IEC 10589:1993": notificationOverloadStateChange	{2 13 0 1 5 25}	EVENT-INFO communicationsAlarm	c18		
6	"ISO/IEC 10589:1993": notificationReceivingAdjacency	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c18		
7	"ISO/IEC 10589:1993": notificationSourceId	{2 13 0 1 5 14}	EVENT-INFO communicationsAlarm	c18		
8	"ISO/IEC 10589:1993": notificationSystemId	{2 13 0 1 5 19}	EVENT-INFO communicationsAlarm	c19		
9	"ISO/IEC 10589:1993": notificationVirtualLinkAddress	{2 13 0 1 5 16}	EVENT-INFO communicationsInformation	c20		
10	"ISO/IEC 10589:1993": notificationVirtualLinkChange	{2 13 0 1 5 15}	EVENT-INFO communicationsInformation	c20		
11	"ISO/IEC 10589:1993": constraintViolation	{2 13 0 1 5 10}	SPECIFIC-ERROR maximumAreaAddresses maximumPathSplits maximumVirtualAdjacencies originatingL1LSPBufferSize originatingL2LSPBufferSize neighbourSNPAAddress manualL2OnlyMode	c21		
12	reachabilityChange	{2 13 0 2 5 12}	EVENT-INFO communicationsInformation	c22		
13	"ISO/IEC 10589:1993": notificationDesignatedIntermediate SystemChange	{2 13 0 1 5 24}	EVENT-INFO communicationsInformation	c22		
14	notificationData	{2 13 0 2 5 7}	EVENT-INFO communicationsAlarm	c23		

c18: if D.3/4a then m else –

c19: if D.3/4a or D.3/19a then m else –

c20: if D.3/5a then m else –

c21: if E.1/26a or E.1/26b or E.1/26c or E.1/30a or E.1/30b or E.1/30c or E.1/31a or E.1/31b or E.1/31c or E.1/31f or E.1/41a or E.1/41b or E.1/41c or E.1/42a or E.1/42b or E.1/42c or E.1/42f or E.4/48a or E.4/48b or E.4/48c or E.4/48f or E.4/64a or E.4/64b or E.4/64c or E.4/64f then m else –

c22: if D.3/20a then m else –

c23: if D.3/53a then m else –

Annexe F

Formulaire MOCS[4)]

F.1 Introduction

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

F.1.1 Instructions for completing the MOCS proforma to produce a MOCS[5)]

The MOCS proforma contained in this annex is comprised of information in tabular form, in accordance with ITU-T Rec. X.724 | ISO/IEC 10165-6. The supplier of the implementation shall state which items are supported in the tables below and if necessary provide additional information.

F.1.2 Symbols, abbreviations and terms

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

The notations used in the Status and Support columns are specified in D.1.3.

F.2 The CLNS managed object

F.2.1 Statement of conformance to the managed object class

See Table F.1.

TABLE F.1/X.283

cLNS Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	cLNS	{2 13 0 2 3 21}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.2).

TABLE F.2/X.283

cLNS Actual class support

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

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

5) Les instructions pour le formulaire MOCS sont spécifiées dans la Rec.X.724 | ISO/IEC 10165-6.

F.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 F.3.

TABLE F.3/X.283

cLNS Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c1		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c2		
4	cLNS-P		Mandatory	m		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachineP1		Mandatory	m		
6	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachineP2	{2 9 3 5 4 1}	"there is a requirement to keep statistics concerning remote connectionless protocol machines that this protocol machine communicates with"	o		
7	cLNS8473-P	{2 13 0 2 4 20}	"The protocol defined in ISO 8473 is used to implement the CLNS"	o		
8	cLNSChecksum-P	{2 13 0 2 4 1}	"The ISO 8473 Generate Checksum option is implemented"	o		
9	"ISO/IEC 10589:1993": cLNSISISBasic-P	{2 13 0 1 4 1}	"The system is an ISO 10589 IS"	o		
10	"ISO/IEC 10589:1993": cLNSISISAuthentication-P	{2 13 0 1 4 4}	"The system is an ISO 10589 IS and the authentication procedures are implemented"	o		
11	"ISO/IEC 10589:1993": cLNSISISPartitionRepair-P	{2 13 0 1 4 3}	"The system is an ISO 10589 Level 2 IS and the partition repair procedures are implemented"	o		
12	"ISO/IEC 10589:1993": cLNSISISLevel2-P	{2 13 0 1 4 2}	"The system is an ISO 10589 Level 2 IS"	o		
13	"ISO/IEC 10589:1993": cLNSISISLevel2Authentication-P	{2 13 0 1 4 5}	"The system is an ISO 10589 Level 2 IS and the authentication procedures are implemented"	o		
c1: if F.3/3a or F.3/6a or F.3/8a or F.3/9a or F.3/10a or F.3/11a or F.3/12a or F.3/13a then m else – c2: if F.1/1b then – else m						

F.2.3 Attributes

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

TABLE F.4/X.283

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c3		m		m		–		–		c4		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c5		c6		–		–		–		–		
3	"ISO/IEC 10589:1993": areaAddresses	{2 13 0 1 7 18}	SET OF OCTET STRING	c7		c8		c9		c9		c9		c9		
4	"ISO/IEC 10589:1993": areaReceivePasswords	{2 13 0 1 7 112}	SET OF OCTET STRING	c10		c11		c11		c11		c11		c11		
5	"ISO/IEC 10589:1993": areaTransmitPassword	{2 13 0 1 7 111}	OCTET STRING	c10		c11		c11		–		–		c11		
6	assemblingSegmentsDiscarded	{2 13 0 2 7 8}	INTEGER	c12		m		c4		–		–		c4		
7	"ISO/IEC 10589:1993": attemptsToExceedMaximumSequenceNumber	{2 13 0 1 7 22}	INTEGER	c7		c8		c9		–		–		c9		
8	"ISO/IEC 10589:1993": authenticationFailures	{2 13 0 1 7 117}	INTEGER	c13		c11		c14		–		–		c14		
9	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachineId	{2 9 3 5 7 2}	GraphicString	c15		m		x		–		–		x		
10	"ISO/IEC 10589:1993": completeSNPInterval	{2 13 0 1 7 8}	INTEGER	c16		c8		c8		–		–		c9		
11	congestionDiscards	{2 13 0 2 7 11}	INTEGER	c12		m		c4		–		–		c4		
12	"ISO/IEC 10589:1993": corruptedLSPsDetected	{2 13 0 1 7 19}	INTEGER	c7		c8		c9		–		–		c9		
13	"ISO/IEC 10589:1993": dRISISHelloTimer	{2 13 0 1 7 16}	INTEGER	c16		c8		c8		–		–		c9		
14	"ISO/IEC 10589:1993": domainReceivePasswords	{2 13 0 1 7 114}	SET OF OCTET STRING	c17		c18		c18		c18		c18		c18		
15	"ISO/IEC 10589:1993": domainTransmitPassword	{2 13 0 1 7 113}	OCTET STRING	c17		c18		c18		–		–		c18		

TABLE F.4/X.283 *(continued)*

cLNS Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get		Replace		Add		Remove		Set to default		Additional information
				Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	
16	enableChecksum	{2 13 0 2 7 4}	BOOLEAN	c19		c20		c20		–		–		c20		
17	errorReportsReceived	{2 13 0 2 7 9}	INTEGER	c12		m		c4		–		–		c4		
18	“ISO/IEC 10589:1993”: iDFieldLengthMismatches	{2 13 0 1 7 25}	INTEGER	c7		c8		c9		–		–		c9		
19	“ISO/IEC 10589:1993”: iSType	{2 13 0 1 7 2}	ENUMERATED	c16		c8		c9		–		–		c9		
20	“ISO/IEC 10589:1993”: l1State	{2 13 0 1 7 17}	ENUMERATED	c7		c8		c9		–		–		c9		
21	“ISO/IEC 10589:1993”: l2State	{2 13 0 1 7 28}	ENUMERATED	c21		c22		c23		–		–		c23		
22	“ISO/IEC 10589:1993”: lSPL1DatabaseOverloads	{2 13 0 1 7 20}	INTEGER	c7		c8		c9		–		–		c9		
23	“ISO/IEC 10589:1993”: lSPL2DatabaseOverloads	{2 13 0 1 7 32}	INTEGER	c21		c22		c23		–		–		c23		
24	“ISO/IEC 10589:1993”: manualAddressesDroppedFromArea	{2 13 0 1 7 21}	INTEGER	c7		c8		c9		–		–		c9		
25	“ISO/IEC 10589:1993”: manualareaAddresses	{2 13 0 1 7 10}	SET OF OCTET STRING	c7		c8		c9		c9		c9		c9		
26	“ISO/IEC 10589:1993”: maximumAreaAddresses	{2 13 0 1 7 4}	INTEGER “ISO/IEC 10589:1993”: constraintViolation	c16		c8		c8		–		–		c9		
27	“ISO/IEC 10589:1993”: maximumAreaAddressesMismatches	{2 13 0 1 7 118}	INTEGER	c7		c8		c9		–		–		c9		
28	“ISO/IEC 10589:1993”: maximumLSPGenerationInterval	{2 13 0 1 7 6}	INTEGER	c16		c8		c8		–		–		c9		
29	maximumLifetime	{2 13 0 2 7 102}	INTEGER	c3		m		m		–		–		c4		
30	“ISO/IEC 10589:1993”: maximumPathSplits	{2 13 0 1 7 3}	INTEGER “ISO/IEC 10589:1993”: constraintViolation	c16		c8		c8		–		–		c8		

TABLE F.4/X.283 *(continued)*

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
31	"ISO/IEC 10589:1993": maximumVirtualAdjacencies	{2 13 0 1 7 27}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c24		c25		c25		–		–		c25		
32	"ISO/IEC 10589:1993": minimumBroadcastLSPTransmissionInterval	{2 13 0 1 7 7}	INTEGER	c16		c8		c8		–		–		c9		
33	"ISO/IEC 10589:1993": minimumLSPGenerationInterval	{2 13 0 1 7 11}	INTEGER	c16		c8		c8		–		–		c9		
34	"ISO/IEC 10589:1993": minimumLSPTransmissionInterval	{2 13 0 1 7 5}	INTEGER	c16		c8		c8		–		–		c9		
35	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c15		m		x		–		–		x		
36	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c3		m		x		–		–		x		
37	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c12		m		c4		–		–		c4		
38	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c12		m		c4		–		–		c4		
39	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
40	operationalSystemType	{2 13 0 2 7 109}	ENUMERATED	c3		m		c4		–		–		c4		
41	"ISO/IEC 10589:1993": originatingL1LSPBufferSize	{2 13 0 1 7 9}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c16		c8		c8		–		–		c9		

TABLE F.4/X.283 *(continued)*

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
42	"ISO/IEC 10589:1993": originatingL2LSPBufferSize	{2 13 0 1 7 26}	INTEGER "ISO/IEC 10589:1993": constraintViolation	c26		c22		c22		–		–		c22		
43	"ISO/IEC 10589:1993": ownLSPPurges	{2 13 0 1 7 24}	INTEGER	c7		c8		c9		–		–		c9		
44	pDUDiscards	{2 13 0 2 7 10}	INTEGER	c12		m		c4		–		–		c4		
45	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c27		c28		c29		c29		c29		c29		
46	"ISO/IEC 10589:1993": partialSNPInterval	{2 13 0 1 7 14}	INTEGER	c16		c8		c8		–		–		c9		
47	"ISO/IEC 10589:1993": partitionAreaAddresses	{2 13 0 1 7 29}	SET OF OCTET STRING	c30		c25		c31		c31		c31		c31		
48	"ISO/IEC 10589:1993": partitionDesignatedL2IntermediateSystem	{2 13 0 1 7 30}	OCTET STRING	c30		c25		c31		–		–		c31		
49	"ISO/IEC 10589:1993": partitionVirtualLinkChanges	{2 13 0 1 7 31}	INTEGER	c30		c25		c31		–		–		c31		
50	"ISO/IEC 10589:1993": pollESHelloRate	{2 13 0 1 7 13}	INTEGER	c16		c8		c8		–		–		c9		
51	segmentsDiscarded	{2 13 0 2 7 7}	INTEGER	c12		m		c4		–		–		c4		
52	segmentsReceived	{2 13 0 2 7 6}	INTEGER	c12		m		c4		–		–		c4		
53	segmentsSent	{2 13 0 2 7 118}	INTEGER	c12		m		c4		–		–		c4		
54	"ISO/IEC 10589:1993": sequenceNumberSkips	{2 13 0 1 7 23}	INTEGER	c7		c8		c9		–		–		c9		
55	supportedProtocols	{2 13 0 2 7 110}	SET OF SEQUENCE	c12		m		c4		c4		c4		c4		
56	"ISO/IEC 10589:1993": systemId	{2 13 0 1 7 119}	OCTET STRING	c7		c8		c9		–		–		c9		
57	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": totalRemoteSAPs	{2 9 3 5 7 13}	INTEGER	c32		c33		c34		–		–		c34		
58	"ISO/IEC 10589:1993": version	{2 13 0 1 7 1}	GraphicString	c7		c8		c9		–		–		c9		

TABLE F.4/X.283 *(concluded)*

cLNS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
59	"ISO/IEC 10589:1993": waitingTime	{2 13 0 1 7 15}	INTEGER	c16		c8		c8		–		–		c9		

c3: if G.1/2a then m else x
c4: if F.1/1b then x else –
c5: if F.3/3a then (if G.1/2a then o else x) else –
c6: if F.3/3a then m else –
c7: if F.3/9a and [F.1/1b or (G.1/1a or G.1/3a)] then x else –
c8: if F.3/9a then m else –
c9: if F.3/9a and F.1/1b then x else –
c10: if F.3/10a then (if G.1/2a then m else x) else –
c11: if F.3/10a then m else –
c12: if F.1/1b or (G.1/1a or G.1/3a) then x else –
c13: if F.3/10a and [F.1/1b or (G.1/1a or G.1/3a)] then x else –
c14: if F.3/10a and F.1/1b then x else –
c15: if G.1/2a then o else x
c16: if F.3/9a then (if G.1/2a then m else x) else –
c17: if F.3/13a then (if G.1/2a then m else x) else –
c18: if F.3/13a then m else –
c19: if F.3/8a then (if G.1/2a then m else x) else –
c20: if F.3/8a then m else –
c21: if F.3/12a and [F.1/1b or (G.1/1a or G.1/3a)] then x else –
c22: if F.3/12a then m else –
c23: if F.3/12a and F.1/1b then x else –
c24: if F.3/11a then (if G.1/2a then m else x) else –
c25: if F.3/11a then m else –
c26: if F.3/12a then (if G.1/2a then m else x) else –
c27: if F.3/2a then (if G.1/2a then o else x) else –
c28: if F.3/2a then m else –
c29: if F.3/2a then x else –
c30: if F.3/11a and [F.1/1b or (G.1/1a or G.1/3a)] then x else –
c31: if F.3/11a and F.1/1b then x else –
c32: if F.3/6a and [F.1/1b or (G.1/1a or G.1/3a)] then x else –
c33: if F.3/6a then m else –
c34: if F.3/6a and F.1/1b then x else –

F.2.4 Attribute group

See Table F.5.

TABLE F.5/X.283

cLNS Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}		m		c4		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}		m		c4		

F.2.5 Action

See Table F.6.

TABLE F.6/X.283

cLNS Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": activate	{2 9 3 5 9 0}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			2.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							2.1.1	identifier	OBJECT IDENTIFIER	m		
							2.1.2	significance	BOOLEAN	o		
							2.1.3	information	ANY DEFINED BY identifier	m		
							2.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							2.2.1	identifier	OBJECT IDENTIFIER	m		
							2.2.2	significance	BOOLEAN	o		
							2.2.3	information	ANY DEFINED BY identifier	m		

F.2.6 Notification

See Table F.7.

TABLE F.7/X.283

cLNS Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": communicationsAlarm	{2 9 3 2 10 2}		m			notificationPDUHeader	1.1	AlarmInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	probable Cause	{2 9 3 2 7 18}	CHOICE	m		
								1.1.1.1	globalValue	–	OBJECT IDENTIFIER	o.1		
								1.1.1.2	localValue	–	INTEGER	o.1		
								1.1.2	specific Problems	{2 9 3 2 7 27}	SET OF CHOICE	o		
								1.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.2		
								1.1.2.2	INTEGER	–	INTEGER	c:o.2		
								1.1.3	perceived Severity	{2 9 3 2 7 17}	ENUMERATED	m		
								1.1.4	backedUp Status	{2 9 3 2 7 11}	BOOLEAN	o		
								1.1.5	backUp Object	{2 9 3 2 7 40}	ObjectInstance	o		
								1.1.6	trend Indication	{2 9 3 2 7 30}	ENUMERATED	o		
								1.1.7	threshold Info	{2 9 3 2 7 29}	SEQUENCE	o		

TABLE F.7/X.283 *(continued)*

cLNS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								1.1.7.1	triggeredThreshold	–	AttributeId	c:m		
								1.1.7.2	observedValue	–	CHOICE	c:m		
								1.1.7.2.1	integer	–	INTEGER	c:o.3		
								1.1.7.2.2	real	–	REAL	c:o.3		
								1.1.7.3	thresholdLevel	–	CHOICE	c:o		
								1.1.7.3.1	up	–	SEQUENCE	c:o.4		
								1.1.7.3.1.1	high	–	CHOICE	c:m		
								1.1.7.3.1.1.1	integer	–	INTEGER	c:o.5		
								1.1.7.3.1.1.2	real	–	REAL	c:o.5		
								1.1.7.3.1.2	low	–	CHOICE	c:o		
								1.1.7.3.1.2.1	integer	–	INTEGER	c:o.6		
								1.1.7.3.1.2.2	real	–	REAL	c:o.6		
								1.1.7.3.2	down	–	SEQUENCE	c:o.4		
								1.1.7.3.2.1	high	–	CHOICE	c:m		
								1.1.7.3.2.1.1	integer	–	INTEGER	c:o.7		
								1.1.7.3.2.1.2	real	–	REAL	c:o.7		
								1.1.7.3.2.2	low	–	CHOICE	c:m		
								1.1.7.3.2.2.1	integer	–	INTEGER	c:o.8		
								1.1.7.3.2.2.2	real	–	REAL	c:o.8		
								1.1.7.4	armTime	–	Generalized Time	c:o		
								1.1.8	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.9	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		

TABLE F.7/X.283 *(continued)*

cLNS Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
								1.1.9.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.9.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.10	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	o		
								1.1.10.1	attributeID	–	AttributeId	c:m		
								1.1.10.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
								1.1.10.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								1.1.11	monitoredAttributes	{2 9 3 2 7 15}	SET OF Attribute	o		
								1.1.12	proposedRepairActions	{2 9 3 2 7 19}	SET OF CHOICE	o		
								1.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.9		
								1.1.12.2	INTEGER	–	INTEGER	c:o.9		
								1.1.13	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.14	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.14.2	significance	–	BOOLEAN	c:o		
								1.1.14.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.7/X.283 *(continued)*

cLNS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsInformation	{2 9 3 5 10 0}		c35			"ISO/IEC 10589:1993": notificationVirtualLinkAddress "ISO/IEC 10589:1993": notificationVirtualLinkChange	2.1	CommunicationsInformation		**Information Syntax** SEQUENCE	c35		
								2.1.1	informationType	{2 9 3 5 7 5}	OBJECT IDENTIFIER	c:m		
								2.1.2	informationData	{2 9 3 5 7 4}	SET OF SEQUENCE	c:o		
								2.1.2.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.2.2	significance	–	BOOLEAN	c:o		
								2.1.2.3	information	–	ANY DEFINED BY identifier	c:m		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				3.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		

TABLE F.7/X.283 *(continued)*

cLNS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:o		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				4.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								4.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								4.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								4.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								4.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								4.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		

TABLE F.7/X.283 *(continued)*

cLNS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								4.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								4.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								4.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								4.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								4.1.6.2	significance	–	BOOLEAN	c:o		
								4.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		m				5.1	StateChangeInfo		**Information Syntax** SEQUENCE	m		
								5.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								5.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								5.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								5.1.3.1	attributeID	–	AttributeId	m		
								5.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
								5.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
								5.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		

TABLE F.7/X.283 *(concluded)*

cLNS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								5.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								5.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								5.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								5.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								5.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								5.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								5.1.7.2	significance	–	BOOLEAN	c:o		
								5.1.7.3	information	–	ANY DEFINED BY identifier	c:m		
c35: if F.3/9a or F.3/11a then m else –														

F.2.7 Parameter

See Table F.8.

TABLE F.8/X.283

cLNS Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	notificationPDUHeader	{2 13 0 2 5 1}	EVENT-INFO communicationsAlarm	m		
2	"ISO/IEC 10589:1993": notificationAreaAddress	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c8		
3	"ISO/IEC 10589:1993": notificationIDLength	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c8		
4	"ISO/IEC 10589:1993": notificationAreaAddress	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c8		
5	"ISO/IEC 10589:1993": notificationOverloadStateChange	{2 13 0 1 5 25}	EVENT-INFO communicationsAlarm	c36		
6	"ISO/IEC 10589:1993": notificationReceivingAdjacency	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c8		
7	"ISO/IEC 10589:1993": notificationSourceId	{2 13 0 1 5 14}	EVENT-INFO communicationsAlarm	c36		
8	"ISO/IEC 10589:1993": notificationSystemId	{2 13 0 1 5 x}	EVENT-INFO communicationsAlarm	c37		
9	"ISO/IEC 10589:1993": notificationVirtualLinkAddress	{2 13 0 1 5 16}	EVENT-INFO communicationsInformation	c25		
10	"ISO/IEC 10589:1993": notificationVirtualLinkChange	{2 13 0 1 5 15}	EVENT-INFO communicationsInformation	c25		
11	"ISO/IEC 10589:1993": constraintViolation	{2 13 0 1 5 10}	SPECIFIC-ERROR maximumAreaAddresses maximumPathSplits maximumVirtualAdjacencies originatingL1LSPBufferSize originatingL2LSPBufferSize	c38		
c36: if F.3/9a or F.3/12a then m else – c37: if F.3/9a or F.3/10a then m else – c38: if F.3/9a or F.3/11a or F.3/12a then m else –						

F.3 The CONS managed object

F.3.1 Statement of conformance to the managed object class

See Table F.9.

TABLE F.9/X.283

cONS Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	cONS	{2 13 0 2 3 24}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.10).

TABLE F.10/X.283

cONS Actual class support

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

F.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 F.11.

TABLE F.11/X.283

cONS Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c39		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c40		
4	cONS-P		Mandatory	m		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": coProtocolMachineP1		Mandatory	m		
c39: if F.11/3a then m else – c40: if F.9/1b then – else m						

F.3.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.12. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.12/X.283

cONS Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c41		m		m		–		–		c42		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c43		c44		–		–		–		–		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachineId	{2 9 3 5 7 2}	GraphicString	c45		m		x		–		–		x		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c45		m		x		–		–		x		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c41		m		x		–		–		x		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
7	operationalSystemType	{2 13 0 2 7 109}	ENUMERATED	c41		m		c42		–		–		c42		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c46		c47		c48		c48		c48		c48		

c41: if G.1/5a then m else x
c42: if F.9/1b then x else –
c43: if F.11/3a then (if G.1/5a then o else x) –
c44: if F.11/3a then m else –
c45: if G.1/5a then o else x
c46: if F.11/2a then (if G.1/5a then o else x) else –
c47: if F.11/2a then m else –
c48: if F.11/2a then x else –

F.3.4 Attribute group

See Table F.13.

TABLE F.13/X.283

cONS Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	m		c42		

F.3.5 Action

See Table F.14.

TABLE F.14/X.283

cONS Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": activate	{2 9 3 5 9 0}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			2.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							2.1.1	identifier	OBJECT IDENTIFIER	m		
							2.1.2	significance	BOOLEAN	o		
							2.1.3	information	ANY DEFINED BY identifier	m		

TABLE F.14/X.283 *(concluded)*

cONS Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
							2.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							2.2.1	identifier	OBJECT IDENTIFIER	m		
							2.2.2	significance	BOOLEAN	o		
							2.2.3	information	ANY DEFINED BY identifier	m		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivateWhenNoUsers	{2 9 3 5 9 2}		m			3.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							3.1.1	identifier	OBJECT IDENTIFIER	m		
							3.1.2	significance	BOOLEAN	o		
							3.1.3	information	ANY DEFINED BY identifier	m		
							3.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							3.2.1	identifier	OBJECT IDENTIFIER	m		
							3.2.2	significance	BOOLEAN	o		
							3.2.3	information	ANY DEFINED BY identifier	m		

F.3.6 Notifications

See Table F.15.

TABLE F.15/X.283

cONS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.15/X.283 *(continued)*

cONS Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.15/X.283 *(concluded)*

cONS Notification support

					Support										
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		m				3.1	StateChangeInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								3.1.3.1	attributeID	–	AttributeId	m		
								3.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
								3.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
								3.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.7.2	significance	–	BOOLEAN	c:o		
								3.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

F.4 The Recommendation D-Series counts managed object

F.4.1 Statement of conformance to the managed object class

See Table F.16.

TABLE F.16/X.283

dSeriesCounts Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	dSeriesCounts	{2 13 0 2 3 32}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.17).

TABLE F.17/X.283

dSeriesCounts Actual class support

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

F.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 F.18.

TABLE F.18/X.283

dSeriesCounts Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c50		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c51		
4	dSeriesCounts-P		Mandatory	m		
c50: if F.18/3a then m else – c51: if F.16/1b then – else m						

F.4.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.19. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.19/X.283

dSeriesCounts Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c52		c53		–		–		–		–		
2	dSeriesId	{2 13 0 2 7 140}	GraphicString	x		m		x		–		–		x		
3	dSeriesResetRequestIndicationPackets	{2 13 0 2 7 141}	INTEGER	x		m		c54		–		–		c54		
4	dSeriesSegmentsReceived	{2 13 0 2 7 143}	INTEGER	x		m		c54		–		–		c54		
5	dSeriesSegmentsSent	{2 13 0 2 7 142}	INTEGER	x		m		c54		–		–		c54		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	x		m		x		–		–		x		
7	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	x		m		x		–		–		x		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c55		c56		c55		c55		c55		c55		

c52: if F.18/3a then x else –
c53: if F.18/3a then m else –
c54: if F.16/1b then x else –
c55: if F.18/2a then x else –
c56: if F.18/2a then m else –

F.4.4 Attribute groups

See Table F.20.

TABLE F.20/X.283

dSeriesCounts Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}	dSeriesResetRequestIndicationPackets dSeriesSegmentsReceived dSeriesSegmentsSent	m		c54		

F.4.5 Notifications

See Table F.21.

TABLE F.21/X.283

dSeriesCounts Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.21/X.283 *(concluded)*

dSeriesCounts Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.5 The linkage managed object

F.5.1 Statement of conformance to the managed object class

See Table F.22.

TABLE F.22/X.283

linkage Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	linkage	{2 13 0 2 3 23}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.23).

TABLE F.23/X.283

linkage Actual class support

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

F.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 F.24.

TABLE F.24/X.283

linkage Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c57		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c58		
4	linkage-P		Mandatory	m		
5	linkage-ISO9542IS-P	{2 13 0 2 4 22}	"support for ISO 9542 operating as an IS"	o		
6	linkage-ISO9542ES-P	{2 13 0 2 4 21}	"support for ISO 9542 operating as an ES"	o		
7	linkage-ISO9542Checksum-P	{2 13 0 2 4 17}	"support for ISO 9542 PDU Header Checksum Generation function"	o		

TABLE F.24/X.283 *(concluded)*

linkage Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
8	linkageInitialMinimumTimer-P	{2 13 0 2 4 7}	"support for the initial minimum timer attribute of the ISO 8473 SNDCF when operating ISO 8473 over an ISO/IEC 8208 or CO Datalink Service"	o		
9	linkageReserveTimer-P	{2 13 0 2 4 6}	"support for the reserve timer attribute of the ISO 8473 SNDCF when operating ISO 8473 over an ISO/IEC 8208 or CO Datalink Service"	o		
10	linkageIdleTimer-P	{2 13 0 2 4 5}	"support for the idle timer attribute of the ISO 8473 SNDCF when operating ISO 8473 over an ISO/IEC 8208 or CO Datalink Service"	o		
11	linkage-ISO8473-ISO8208SNDCF-P	{2 13 0 2 4 4}	"operating ISO 8473 over ISO/IEC 8208"	o		
12	linkageCODLService-P	{2 13 0 2 4 9}	"operating ISO 8473 over the CO Datalink Service"	o		
13	"ISO/IEC 10589:1993": linkageISISBasic-P	{2 13 0 1 4 6}	"the system is an ISO 10589 IS"	o		
14	"ISO/IEC 10589:1993": linkageISISAuthentication-P	{2 13 0 1 4 15}	"the authentication procedures are implemented on an ISO 10589 IS"	o		
15	"ISO/IEC 10589:1993": linkageISISBroadcast-P	{2 13 0 1 4 7}	"the linkage is a broadcast circuit on an ISO 10589 IS"	o		
16	"ISO/IEC 10589:1993": linkageISISDACallEstablishmentMetricIncrement-P	{2 13 0 1 4 9}	"the linkage is a DA Circuit and support is implemented for call establishment metric increment values greater than zero on an ISO/IEC 10589 IS"	o		
17	"ISO/IEC 10589:1993": linkageISISPtToPt-P	{2 13 0 1 4 8}	"the linkage is a point to point circuit on an ISO 10589 IS"	o		
18	"ISO/IEC 10589:1993": linkageISISStatic-P	{2 13 0 1 4 11}	"the linkage is an X.25 static circuit (IN or OUT) on an ISO 10589 IS"	o		
19	"ISO/IEC 10589:1993": linkageISISLevel2-P	{2 13 0 1 4 13}	"the system is an ISO 10589 level 2 IS"	o		
20	"ISO/IEC 10589:1993": linkageISISlevel2Broadcast-P	{2 13 0 1 4 14}	"the linkage is a broadcast circuit on an ISO 10589 level 2 IS"	o		
c57: if F.24/3a or F.24/5a or F.24/6a or F.24/7a or F.24/8a or F.24/9a or F.24/10a or F.24/11a or F.24/12a or F.24/13a or F.24/14a or F.24/15a or F.24/16a or F.24/17a or F.24/18a or F.24/19a or F.24/20a then m else – c58: if F.22/1b then – else m						

F.5.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.25. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.25/X.283

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	activeESConfigTimer	{2 13 0 2 7 22}	SEQUENCE	c59		c60		c61		–		–		c61		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c62		m		m		–		–		c63		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c64		c65		–		–		–		–		
4	"ISO/IEC 10589:1993": authenticationFailures	{2 13 0 1 7 117}	INTEGER	c66		c67		c68		–		–		c68		
5	"ISO/IEC 10589:1993": callEstablishmentDefaultMetricIncrement	{2 13 0 1 7 52}	INTEGER	c69		c70		c70		–		–		c70		
6	"ISO/IEC 10589:1993": callEstablishmentDelayMetricIncrement	{2 13 0 1 7 53}	INTEGER	c69		c70		c70		–		–		c70		
7	"ISO/IEC 10589:1993": callEstablishmentErrorMetricIncrement	{2 13 0 1 7 55}	INTEGER	c69		c70		c70		–		–		c70		
8	"ISO/IEC 10589:1993": callEstablishmentExpenseMetricIncrement	{2 13 0 1 7 54}	INTEGER	c69		c70		c70		–		–		c70		
9	callsFailed	{2 13 0 2 7 30}	INTEGER	c71		c72		c73		–		–		c73		
10	callsPlaced	{2 13 0 2 7 29}	INTEGER	c71		c72		c73		–		–		c73		
11	"ISO/IEC 10589:1993": changesInAdjacencyState	{2 13 0 1 7 40}	INTEGER	c74		c75		c76		–		–		c76		
12	"ISO/IEC 10589:1993": circuitReceivePasswords	{2 13 0 1 7 116}	SET OF OCTET STRING	c77		c67		c67		c67		c67		c67		
13	"ISO/IEC 10589:1993": circuitTransmitPassword	{2 13 0 1 7 115}	OCTET STRING	c77		c67		c67		–		–		c67		
14	defaultESConfigTimer	{2 13 0 2 7 21}	SEQUENCE	c78		c60		c60		–		–		c60		

TABLE F.25/X.283 *(continued)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
15	eSReachabilityChanges	{2 13 0 2 7 27}	INTEGER	c79		c80		c81		–		–		c81		
16	enableChecksum	{2 13 0 2 7 4}	BOOLEAN	c82		c83		c83		–		–		c83		
17	“ISO/IEC 10589:1993”: externalDomain	{2 13 0 1 7 46}	BOOLEAN	c84		c75		c75		–		–		c75		
18	holdingTimerMultiplier	{2 13 0 2 7 20}	INTEGER	c85		c86		c86		–		–		c86		
19	“ISO/IEC 10589:1993”: iDFieldLengthMismatches	{2 13 0 1 7 25}	INTEGER	c74		c75		c76		–		–		c76		
20	iSConfigurationTimer	{2 13 0 2 7 24}	SEQUENCE	c87		c80		c80		–		–		c80		
21	“ISO/IEC 10589:1993”: iSISControlPDUsReceived	{2 13 0 1 7 44}	INTEGER	c74		c75		c76		–		–		c76		
22	“ISO/IEC 10589:1993”: iSISControlPDUsSent	{2 13 0 1 7 43}	INTEGER	c74		c75		c76		–		–		c76		
23	“ISO/IEC 10589:1993”: iSISHelloTimer	{2 13 0 1 7 45}	INTEGER	c84		c75		c75		–		–		c75		
24	iSO9542OperationalSubsets	{2 13 0 2 7 115}	BIT STRING	c85		c86		c86		–		–		c88		
25	iSReachabilityChanges	{2 13 0 2 7 23}	INTEGER	c59		c60		c61		–		–		c61		
26	idleTimer	{2 13 0 2 7 31}	SEQUENCE	c89		c90		c90		–		–		c90		
27	initialMinimumTimer	{2 13 0 2 7 33}	SEQUENCE	c91		c92		c92		–		–		c92		
28	“ISO/IEC 10589:1993”: initializationFailures	{2 13 0 1 7 41}	INTEGER	c74		c75		c76		–		–		c76		
29	invalid9542PDUs	{2 13 0 2 7 101}	INTEGER	c93		c84		c88		–		–		c88		
30	“ISO/IEC 10589:1993”: l1CircuitID	{2 13 0 1 7 48}	OCTET STRING	c94		c95		c96		–		–		c96		
31	“ISO/IEC 10589:1993”: l1DefaultMetric	{2 13 0 1 7 35}	INTEGER	c84		c75		c75		–		–		c75		
32	“ISO/IEC 10589:1993”: l1DelayMetric	{2 13 0 1 7 36}	INTEGER	c84		c75		c75		–		–		c75		
33	“ISO/IEC 10589:1993”: l1DesignatedIntermediateSystem	{2 13 0 1 7 49}	OCTET STRING	c94		c95		c96		–		–		c96		

TABLE F.25/X.283 *(continued)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
34	"ISO/IEC 10589:1993": l1ErrorMetric	{2 13 0 1 7 38}	INTEGER	c84		c75		c75		–		–		c75		
35	"ISO/IEC 10589:1993": l1ExpenseMetric	{2 13 0 1 7 37}	INTEGER	c84		c75		c75		–		–		c75		
36	"ISO/IEC 10589:1993": l1IntermediateSystemPriority	{2 13 0 1 7 47}	INTEGER	c97		c95		c95		–		–		c95		
37	"ISO/IEC 10589:1993": l2CircuitID	{2 13 0 1 7 74}	OCTET STRING	c98		c99		c100		–		–		c100		
38	"ISO/IEC 10589:1993": l2DefaultMetric	{2 13 0 1 7 68}	INTEGER	c101		c102		c102		–		–		c102		
39	"ISO/IEC 10589:1993": l2DelayMetric	{2 13 0 1 7 69}	INTEGER	c101		c102		c102		–		–		c102		
40	"ISO/IEC 10589:1993": l2DesignatedIntermediateSystem	{2 13 0 1 7 75}	OCTET STRING	c98		c99		c100		–		–		c100		
41	"ISO/IEC 10589:1993": l2ErrorMetric	{2 13 0 1 7 71}	INTEGER	c101		c102		c102		–		–		c102		
42	"ISO/IEC 10589:1993": l2ExpenseMetric	{2 13 0 1 7 70}	INTEGER	c101		c102		c102		–		–		c102		
43	"ISO/IEC 10589:1993": l2IntermediateSystemPriority	{2 13 0 1 7 73}	INTEGER	c103		c99		c99		–		–		c99		
44	"ISO/IEC 10589:1993": lanL1DesignatedIntermediateSystemChanges	{2 13 0 1 7 50}	INTEGER	c94		c95		c96		–		–		c96		
45	"ISO/IEC 10589:1993": lanL2DesignatedIntermediateSystemChanges	{2 13 0 1 7 76}	INTEGER	c98		c99		c100		–		–		c100		
46	linkageId	{2 13 0 2 7 17}	GraphicString	c104		m		x		–		–		x		
47	manualISSNPAAddress	{2 13 0 2 7 28}	SET OF SEQUENCE	c78		c60		c60		c60		c60		c60		
48	"ISO/IEC 10589:1993": manualL2OnlyMode	{2 13 0 1 7 72}	BOOLEAN "ISO/IEC 10589:1993": constraintViolation	c101		c102		c102		–		–		c102		

TABLE F.25/X.283 *(continued)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
49	"ISO/IEC 10589:1993": maximumAreaAddressesMismatches	{2 13 0 1 7 118}	INTEGER	c74		c75		c76		–		–		c76		
50	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c104		m		x		–		–		x		
51	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c62		m		x		–		–		x		
52	operationalProtocols	{2 13 0 2 7 111}	SET OF SEQUENCE	c62		m		c63		–		–		c63		
53	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
54	"ISO/IEC 10589:1993": outgoingCallIVMO	{2 13 0 1 7 120}	OCTET STRING	c105		c106		c106		–		–		c106		
55	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c107		c108		c109		c109		c109		c109		
56	"ISO/IEC 10589:1993": ptPtCircuitID	{2 13 0 1 7 51}	OCTET STRING	c110		c111		c112		–		–		c112		
57	redirectHoldingTime	{2 13 0 2 7 26}	INTEGER	c87		c80		c80		–		–		c80		
58	"ISO/IEC 10589:1993": rejectedAdjacencies	{2 13 0 1 7 42}	INTEGER	c74		c75		c76		–		–		c76		
59	reserveTimer	{2 13 0 2 7 32}	SEQUENCE	c113		c114		c114		–		–		c114		
60	sN-SAP	{2 13 0 2 7 18}	ObjectInstance	c115		m		c63		–		–		c63		
61	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	c62		m		c63		–		–		c63		
62	suggestedESConfigurationTimer	{2 13 0 2 7 25}	SEQUENCE	c87		c80		c80		–		–		c80		
63	"ISO/IEC 10589:1993": type	{2 13 0 1 7 33}	ENUMERATED	c84		c75		c76		–		–		c76		

TABLE F.25/X.283 *(continued)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
64	neighbourSNPAAddress	{2 13 0 1 7 79}	SEQUENCE	c105		c106		c106		–		–		c106		

c59: if F.11/6a and [F.9/1b or (G.1/9a or G.1/11a)] then x else –
c60: if F.11/6a then m else –
c61: if F.11/6a and F.9/1b then x else –
c62: if (G.1/10a or G.1/12a) then m else x
c63: if F.9/1b then x else –
c64: if F.11/3a then [if (G.1/10a or G.1/12a) then o else x] else –
c65: if F.11/3a then m else –
c66: if F.11/14a and [F.9/1b or (G.1/9a or G.1/11a)] then x else –
c67: if F.11/14a then m else –
c68: if F.11/14a and F.9/1b then x else –
c69: if F.11/16a then [if (G.1/10a or G.1/12a) then m else x] else –
c70: if F.11/16a then m else –
c71: if (F.11/11a or F.11/12a) and [F.9/1b or (G.1/9a or G.1/11a)] then x else –
c72: if (F.11/11a or F.11/12a) then m else –
c73: if (F.11/11a or F.11/12a) and F.9/1b then x else –
c74: if F.11/13a and [F.9/1b or (G.1/9a or G.1/11a)] then x else –
c75: if F.11/13a then m else –
c76: if F.11/13a and F.9/1b then x else –
c77: if F.11/14a then [if (G.1/10a or G.1/12a) then m else x] else –
c78: if F.11/6a then [if (G.1/10a or G.1/12a) then m else x] else –
c79: if F.11/5a and [F.9/1b or (G.1/9a or G.1/11a)] then x else –
c80: if F.11/5a then m else –
c81: if F.11/5a and F.9/1b then x else –
c82: if F.11/7a then [if (G.1/10a or G.1/12a) then m else x] else –
c83: if F.11/7a then m else –
c84: if F.11/13a then [if (G.1/10a or G.1/12a) then m else x] else –
c85: if (F.11/5a or F.11/6a) then [if (G.1/10a or G.1/12a) then m else x] else –
c86: if (F.11/5a or F.11/6a) then m else –

TABLE F.25/X.283 *(concluded)*

linkage Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
c87: if F.11/5a then [if (G.1/10a or G.1/12a) then m else x] else – c88: if (F.11/5a or F.11/6a) and F.9/1b then x else – c89: if F.11/10a then [if (G.1/10a or G.1/12a) then m else x] else – c90: if F.11/10a then m else – c91: if F.11/8a then [if (G.1/10a or G.1/12a) then m else x] else – c92: if F.11/8a then m else – c93: if (F.11/5a or F.11/6a) and [F.9/1b or (G.1/9a or G.1/11a)] then x else – c94: if F.11/15a and [F.9/1b or (G.1/9a or G.1/11a)] then x else – c95: if F.11/15a then m else – c96: if F.11/15a and F.9/1b then x else – c97: if F.11/15a then [if (G.1/10a or G.1/12a) then m else x] else – c98: if F.11/20a and [F.9/1b or (G.1/9a or G.1/11a)] then x else – c99: if F.11/20a then m else – c100: if F.11/20a and F.9/1b then x else – c101: if F.11/19a then [if (G.1/10a or G.1/12a) then m else x] else – c102: if F.11/19a then m else – c103: if F.11/20a then [if (G.1/10a or G.1/12a) then m else x] else – c104: if (G.1/10a or G.1/12a) then o else x c105: if F.11/18a then [if (G.1/10a or G.1/12a) then m else x] else – c106: if F.11/18a then m else – c107: if F.11/2a then [if (G.1/10a or G.1/12a) then o else x] else – c108: if F.11/2a then m else – c109: if F.11/2a then x else – c110: if (F.11/17a or F.11/18a) and [F.9/1b or (G.1/9a or G.1/11a)] then x else – c111: if (F.11/17a or F.11/18a) then m else – c112: if (F.11/17a or F.11/18a) and F.9/1b then x else – c113: if F.11/9a then m else – c114: if F.11/9a then [if (G.1/10a or G.1/12a) then m else x] else – c115: if F.9/1b or (G.1/9a or G.1/11a) then x else –																

F.5.4 Attribute group

See Table F.26.

TABLE F.26/X.283

linkage Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": counters	{2 9 3 5 8 0}	"ISO/IEC 10589:1993": lanL2DesignatedIntermediateSystemChanges	c116		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	m		–		
c116: if F.11/5a or F.11/6a or F.11/11a or F.11/12a or F.11/13a or F.11/14a or F.11/15a or F.11/20a then m else –								

F.5.5 Action

See Table F.27.

TABLE F.27/X.283

linkage Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": activate	{2 9 3 5 9 0}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			2.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							2.1.1	identifier	OBJECT IDENTIFIER	m		
							2.1.2	significance	BOOLEAN	o		
							2.1.3	information	ANY DEFINED BY identifier	m		
							2.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							2.2.1	identifier	OBJECT IDENTIFIER	m		
							2.2.2	significance	BOOLEAN	o		
							2.2.3	information	ANY DEFINED BY identifier	m		

F.5.6 Notifications

See Table F.28.

TABLE F.28/X.283

linkage Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": communicationsAlarm	{2 9 3 2 10 2}		c117			"ISO/IEC 10589:1993": notificationSystemId	1.1	AlarmInfo		**Information Syntax** SEQUENCE	c117		
								1.1.1	probableCause	{2 9 3 2 7 18}	CHOICE	c:m		
								1.1.1.1	globalValue	–	OBJECT IDENTIFIER	c:o.1		
								1.1.1.2	localValue	–	INTEGER	c:o.1		
								1.1.2	specificProblems	{2 9 3 2 7 27}	SET OF CHOICE	c:o		
								1.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.2		
								1.1.2.2	INTEGER	–	INTEGER	c:o.2		
								1.1.3	perceivedSeverity	{2 9 3 2 7 17}	ENUMERATED	c:m		
								1.1.4	backedUpStatus	{2 9 3 2 7 11}	BOOLEAN	c:o		
								1.1.5	backUpObject	{2 9 3 2 7 40}	ObjectInstance	c:o		
								1.1.6	trendIndication	{2 9 3 2 7 30}	ENUMERATED	c:o		
								1.1.7	thresholdInfo	{2 9 3 2 7 29}	SEQUENCE	c:o		
								1.1.7.1	triggeredThreshold	–	AttributeId	c:m		

TABLE F.28/X.283 *(continued)*

linkage Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
								1.1.7.2	observedValue	–	CHOICE	c:m		
								1.1.7.2.1	integer	–	INTEGER	c:o.3		
								1.1.7.2.2	real	–	REAL	c:o.3		
								1.1.7.3	thresholdLevel	–	CHOICE	c:o		
								1.1.7.3.1	up	–	SEQUENCE	c:o.4		
								1.1.7.3.1.1	high	–	CHOICE	c:m		
								1.1.7.3.1.1.1	integer	–	INTEGER	c:o.5		
								1.1.7.3.1.1.2	real	–	REAL	c:o.5		
								1.1.7.3.1.2	low	–	CHOICE	c:o		
								1.1.7.3.1.2.1	integer	–	INTEGER	c:o.6		
								1.1.7.3.1.2.2	real	–	REAL	c:o.6		
								1.1.7.3.2	down	–	SEQUENCE	c:o.4		
								1.1.7.3.2.1	high	–	CHOICE	c:m		
								1.1.7.3.2.1.1	integer	–	INTEGER	c:o.7		
								1.1.7.3.2.1.2	real	–	REAL	c:o.7		
								1.1.7.3.2.2	low	–	CHOICE	c:m		
								1.1.7.3.2.2.1	integer	–	INTEGER	c:o.8		
								1.1.7.3.2.2.2	real	–	REAL	c:o.8		
								1.1.7.4	armTime	–	GeneralizedTime	c:o		
								1.1.8	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
								1.1.9	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:o		
								1.1.9.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		

TABLE F.28/X.283 *(continued)*

linkage Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								1.1.9.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.10	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:o		
								1.1.10.1	attributeID	–	AttributeId	c:m		
								1.1.10.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
								1.1.10.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								1.1.11	monitoredAttributes	{2 9 3 2 7 15}	SET OF Attribute	c:o		
								1.1.12	proposedRepairActions	{2 9 3 2 7 19}	SET OF CHOICE	c:o		
								1.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.9		
								1.1.12.2	INTEGER	–	INTEGER	c:o.9		
								1.1.13	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
								1.1.14	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:o		
								1.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.14.2	significance	–	BOOLEAN	c:o		
								1.1.14.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.28/X.283 *(continued)*

linkage Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsInformation	{2 9 3 5 10 0}		c118			reachabilityChange "ISO/IEC 10589:1993": notificationDesignatedIntermediateSystemChange	2.1	CommunicationsInformation		**Information Syntax** SEQUENCE	c118		
								2.1.1	informationType	{2 9 3 5 7 5}	OBJECT IDENTIFIER	c:m		
								2.1.2	informationData	{2 9 3 5 7 4}	SET OF SEQUENCE	c:o		
								2.1.2.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.2.2	significance	–	BOOLEAN	c:o		
								2.1.2.3	information	–	ANY DEFINED BY identifier	c:m		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				3.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		

TABLE F.28/X.283 *(continued)*

linkage Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:o		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				4.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								4.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								4.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								4.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								4.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								4.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		

TABLE F.28/X.283 *(continued)*

linkage Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								4.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								4.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								4.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								4.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								4.1.6.2	significance	–	BOOLEAN	c:o		
								4.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		m				5.1	StateChangeInfo		**Information Syntax** SEQUENCE	m		
								5.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								5.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								5.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								5.1.3.1	attributeID	–	AttributeId	m		
								5.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
								5.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
								5.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								5.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		

TABLE F.28/X.283 *(concluded)*

linkage Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								5.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								5.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								5.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								5.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								5.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								5.1.7.2	significance	–	BOOLEAN	c:o		
								5.1.7.3	information	–	ANY DEFINED BY identifier	c:m		
c117: if F.24/5a or F.24/6a or F.24/13a or F.24/14a then m else – c118: if F.24/5a or F.24/6a or F.24/15a then m else –														

F.5.7 Parameters

See Table F.29.

TABLE F.29/X.283

linkage Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	"ISO/IEC 10589:1993": notificationSystemId	{2 13 0 1 5 19}	EVENT-INFO communicationsAlarm	c117		
2	reachabilityChange	{2 13 0 2 5 12}	EVENT-INFO communicationsInformation	c118		
3	"ISO/IEC 10589:1993": notificationDesignatedIntermediateSystemChange	{2 13 0 1 5 24}	EVENT-INFO communicationsInformation	c118		
4	"ISO/IEC 10589:1993": constraintViolation	{2 13 0 1 5 10}	SPECIFIC-ERROR neighbourSNPAAddress	c106		
5	"ISO/IEC 10589:1993": constraintViolation	{2 13 0 1 5 10}	SPECIFIC-ERROR manualL2OnlyMode	c102		

F.6 The NSAP managed object

F.6.1 Statement of conformance to the managed object class

See Table F.30.

TABLE F.30/X.283

nSAP Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	nSAP	{2 13 0 2 3 4}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.31).

TABLE F.31/X.283

nSAP Actual class support

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

F.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 F.32.

TABLE F.32/X.283

nSAP Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c119		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c120		
4	nSAP-P		Mandatory	m		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sap2P1		Mandatory	m		
c119: if F.32/3a then m else – c120: if F.30/1b then – else m						

F.6.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.33. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.33/X.283

nSAP Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c121		c122		–		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c123		m		x		–		–		x		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c124		m		x		–		–		x		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c125		c126		c127		c127		c127		c127		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": providerEntityNames	{2 9 3 5 7 7}	SET OF ObjectInstance	c128		m		c129		–		–		c129		
6	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sap2Address	{2 9 3 5 7 9}	SET OF OCTET STRING	c124		m		c129		c129		c129		c129		
7	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sapId	{2 9 3 5 7 10}	GraphicString	c123		m		x		–		–		x		
8	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": userEntityNames	{2 9 3 5 7 15}	SET OF ObjectInstance	c128		m		c129		–		–		c129		

c121: if F.32/3a then (if G.1/14a then o else x) else –
c122: if F.32/3a then m else –
c123: if G.1/14a then o else x
c124: if G.1/14a then m else x
c125: if F.32/2a (if G.1/14a then o else x) else –
c126: if F.32/2a then m else –
c127: if F.32/2a then x else –
c128: if F.30/1b or (G.1/13a or G.1/15a) then x else –
c129: if F.30/1b then x else –

F.6.4 Notifications

See Table F.34.

TABLE F.34/X.283

nSAP Notification support

					Support										
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.34/X.283 *(concluded)*

nSAP Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.7 The network connection managed object

F.7.1 Statement of conformance to the managed object class

See Table F.35.

TABLE F.35/X.283

networkConnection Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	networkConnection	{2 13 0 2 3 13}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.36).

TABLE F.36/X.283

networkConnection Actual class support

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

F.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 F.37.

TABLE F.37/X.283

networkConnection Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c130		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c131		
4	networkConnection-P		Mandatory	m		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": singlePeerConnectionP1		Mandatory	m		
6	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": singlePeerConnectionP2	{2 9 3 5 4 2}	"The names of the connections supported by this connection can be provided"	o		
c130: if F.37/3a or F.37/6a then m else – c131: if F.35/1b then – else m						

F.7.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.38. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.38/X.283

networkConnection Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c132		c133		–		–		–		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": connectionId	{2 9 3 5 7 1}	GraphicString	x		m		x		–		–		x		
3	localNSAPMO	{2 13 0 2 7 106}	ObjectInstance	x		m		c134		–		–		c134		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	x		m		x		–		–		x		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	x		m		x		–		–		x		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c135		c136		c135		c135		c135		c135		
7	remoteNSAPAddress	{2 13 0 2 7 107}	OCTET STRING	x		m		c134		–		–		c134		
8	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": supportedConnectionNames	{2 9 3 5 7 12}	SET OF ObjectInstance	c137		c138		c139		c139		c139		c139		
9	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": underlyingConnectionNames	{2 9 3 5 7 14}	SET OF ObjectInstance	x		m		c134		c134		c134		c134		

c132: if F.37/3a then x else –
c133: if F.37/3a then m else –
c134: if F.35/1b then x else –
c135: if F.37/2a then x else –
c136: if F.37/2a then m else –
c137: if F.37/6a then x else –
c138: if F.37/6a then m else –
c139: if F.37/6a and F.35/1b then x else –

F.7.4 Action

See Table F.39.

TABLE F.39/X.283

networkConnection Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		

F.7.5 Notifications

See Table F.40.

TABLE F.40/X.283

networkConnection Notification support

					Support										
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsInformation	{2 9 3 5 10 0}		m				1.1	CommunicationsInformation		**Information Syntax** SEQUENCE	m		
								1.1.1	informationType	{2 9 3 5 7 5}	OBJECT IDENTIFIER	m		
								1.1.2	informationData	{2 9 3 5 7 4}	SET OF SEQUENCE	o		
								1.1.2.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.2.2	significance	–	BOOLEAN	c:o		
								1.1.2.3	information	–	ANY DEFINED BY identifier	c:m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		

TABLE F.40/X.283 *(concluded)*

networkConnection Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				3.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:o		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.8 The network entity managed object

F.8.1 Statement of conformance to the managed object class

See Table F.41.

TABLE F.41/X.283

networkEntity Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	networkEntity	{2 13 0 2 3 22}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (See Table F.42).

TABLE F.42/X.283

networkEntity Actual class support

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

F.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 F.43.

TABLE F.43/X.283

networkEntity Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c140		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c141		
4	networkEntity-P		Mandatory	m		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEn-tityP1		Mandatory	m		
c140: if F.43/3a then m else – c141: if F.41/1b then – else m						

F.8.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.44. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.44/X.283

networkEntity Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c142		c143		–		–		–		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c144		m		x		–		–		x		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": localSapNames	{2 9 3 5 7 6}	SET OF ObjectInstance	c145		m		c146		c146		c146		c146		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c144		m		x		–		–		x		
8	networkEntityTitles	{2 13 0 2 7 3}	SET OF OCTET STRING	c147		m		m		m		m		c146		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c147		m		x		–		–		x		
6	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
7	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c148		c149		c150		c150		c150		c150		
8	systemType	{2 13 0 2 7 108}	SET OF ENUMERATED	c145		m		c146		–		–		c146		

c142: if F.43/3a then (if G.1/19a then o else x) else –
c143: if F.43/3a then m else –
c144: if G.1/19a then o else x
c145: if F.41/1b or (G.1/18a or G.1/20a) then x else –
c146: if F.41/1b then x else –
c147: if G.1/19a then m else x
c148: if F.43/2a then (if G.1/19a then o else x) else –
c149: if F.43/2a then m else –
c150: if F.43/2a then x else –

F.8.4 Notification

See Table F.45.

TABLE F.45/X.283

networkEntity Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.45/X.283 *(concluded)*

networkEntity Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.9 The network subsystem managed object

F.9.1 Statement of conformance to the managed object class

See Table F.46.

TABLE F.46/X.283

networkSubsystem Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	networkSubsystem	{2 13 0 2 3 1}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.47).

TABLE F.47/X.283

networkSubsystem Actual class support

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

F.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 F.48.

TABLE F.48/X.283

networkSubsystem Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c151		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c152		
4	networkSubsystem-P		Mandatory	m		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystemP1		Mandatory	m		
c151: if F.48/3a then m else – c152: if F.46/1b then – else m						

F.9.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.49. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.49/X.283

networkSubsystem Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c153		c154		–		–		–		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	x		m		x		–		–		x		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	x		m		x		–		–		x		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c155		c156		c155		c155		c155		c155		
5	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystemId	{2 9 3 5 7 11}	GraphicString	x		m		x		–		–		x		

c153: if F.48/3a then x else –
c154: if F.48/3a then m else –
c155: if F.48/2a then x else –
c156: if F.48/2a then m else –

F.10 The permanent virtual circuit-DCE managed object

F.10.1 Statement of conformance to the managed object class

See Table F.50.

TABLE F.50/X.283

permanentVirtualCircuit-DCE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	permanentVirtualCircuit-DCE	{2 13 0 2 3 30}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (See Table F.51).

TABLE F.51/X.283

permanentVirtualCircuit-DCE Actual class support

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

F.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 F.52.

TABLE F.52/X.283

permanentVirtualCircuit-DCE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c156		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c157		
4	permanentVirtualCircuit-DCE-P		Mandatory	m		
5	dCECommonVirtualCircuitCounters-P	{2 13 0 2 4 23}	"the instance supports the dCECommonVirtualCircuitCounters capabilities"	o		
6	virtualCircuit-P		Mandatory	m		
c156: if F.52/3a or F.52/5a then m else – c157: if F.50/1b then – else m						

F.10.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.53. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.53/X.283

permanentVirtualCircuit-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c158		c159		–		–		–		–		
2	chargingDirection	{2 13 0 2 7 131}	BOOLEAN	c160		m		c160		–		–		c160		
3	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	c161		c162		c161		–		–		c161		
4	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	c161		c162		c161		–		–		c161		
5	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	c161		c162		c161		–		–		c161		
6	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	c161		c162		c161		–		–		c161		
7	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	c161		c162		c161		–		–		c161		
8	logicalChannel	{2 13 0 2 7 89}	INTEGER	m		m		c160		–		–		c160		
9	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m		x		–		–		x		
10	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	m		m		x		–		–		x		
11	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c161		c162		c161		–		–		c161		
12	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c161		c162		c161		–		–		c161		
13	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
14	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c163		c164		c165		c165		c165		c165		

TABLE F.53/X.283 *(concluded)*

permanentVirtualCircuit-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
15	packetSizes	{2 13 0 2 7 121}	SEQUENCE	m		m		c160		–		–		c160		
16	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	c161		c162		c161		–		–		c161		
17	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	c161		c162		c161		–		–		c161		
18	remoteDTEAddress	{2 13 0 2 7 93}	SEQUENCE	c160		m		c160		–		–		c160		
19	remoteLogicalChannel	{2 13 0 2 7 162}	INTEGER	c160		m		c160		–		–		c160		
20	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	c161		c162		c161		–		–		c161		
21	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	c161		c162		c161		–		–		c161		
22	resetTimeouts	{2 13 0 2 7 60}	INTEGER	c161		c162		c161		–		–		c161		
23	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	m		m		c160		–		–		c160		
24	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	o		m		x		–		–		x		
25	windowSizes	{2 13 0 2 7 124}	SEQUENCE	m		m		c160		–		–		c160		
26	x25SegmentsReceived	{2 13 0 2 7 171}	INTEGER	c161		c162		c161		–		–		c161		
27	x25SegmentsSent	{2 13 0 2 7 170}	INTEGER	c161		c162		c161		–		–		c161		

c158: if F.52/3a then o else –
c159: if F.52/3a then m else –
c160: if F.50/1b then x else –
c161: if F52/5a and F.50/1b then x else –
c162: if F.52/5a then m else –
c163: if F.52/2a then o else –
c164: if F.52/2a then m else –
c165: if F.52/2a then x else –

F.10.4 Attribute Groups

See Table F.54.

TABLE F.54/X.283

permanentVirtualCircuit-DCE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	dataPacketsReceived dataPacketsSent interruptPacketsReceived interruptPacketsSent interruptTimerExpiries "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter providerInitiatedDis connects providerInitiatedResets remotelyInitiatedResets remotelyInitiatedRestarts resetTimeouts x25SegmentsReceived x25SegmentsSent	c162		–		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	m		–		

F.10.5 Notifications

See Table F.55.

TABLE F.55/X.283

permanentVirtualCircuit-DCE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.55/X.283 *(continued)*

permanentVirtualCircuit-DCE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.55/X.283 *(concluded)*

permanentVirtualCircuit-DCE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		m				3.1	StateChangeInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								3.1.3.1	attributeID	–	AttributeId	m		
								3.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
								3.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
								3.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.7.2	significance	–	BOOLEAN	c:o		
								3.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

F.11 The permanent virtual circuit-DTE managed object

F.11.1 Statement of conformance to the managed object class

See Table F.56.

TABLE F.56/X.283

permanentVirtualCircuit-DTE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	permanentVirtualCircuit-DTE	{2 13 0 2 3 19}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.57).

TABLE F.57/X.283

permanentVirtualCircuit-DTE Actual class support

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

F.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 F.58.

TABLE F.58/X.283

permanentVirtualCircuit-DTE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c166		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	cc167		
4	permanentVirtualCircuit-DTE P		Mandatory	m		
5	dTEVirtualCircuitCounters-P	{2 13 0 2 4 19}	"the instance supports the dTEVirtualCircuitCounters capabilities"	o		
6	virtualCircuit-P		Mandatory	m		
c166: if F.58/3a or F.58/5a then m else – c167: if F56/1b then – else m						

F.11.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.59. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.59/X.283

permanentVirtualCircuit-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c168		c169		–		–		–		–		
2	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	c170		c171		c170		–		–		c170		
3	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	c170		c171		c170		–		–		c170		
4	dataRetransmissionTimerExpiries	{2 13 0 2 7 58}	INTEGER	c170		c171		c170		–		–		c170		
5	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	c170		c171		c170		–		–		c170		
6	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	c170		c171		c170		–		–		c170		
7	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	c170		c171		c170		–		–		c170		
8	logicalChannel	{2 13 0 2 7 89}	INTEGER	m		m		c172		–		–		c172		
9	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m		x		–		–		x		
10	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	m		m		x		–		–		x		
11	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c170		c171		c170		–		–		c170		
12	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c170		c171		c170		–		–		c170		
13	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c173		c174		c175		c175		c175		c175		

TABLE F.59/X.283 *(concluded)*

permanentVirtualCircuit-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
14	packetSizes	{2 13 0 2 7 121}	SEQUENCE	m		m		c172		–		–		c172		
15	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	c170		c171		c170		–		–		c170		
16	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	c170		c171		c170		–		–		c170		
17	resetTimeouts	{2 13 0 2 7 60}	INTEGER	c170		c171		c170		–		–		c170		
18	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	m		m		c172		–		–		c172		
19	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	o		m		x		–		–		x		
20	windowSizes	{2 13 0 2 7 124}	SEQUENCE	m		m		c172		–		–		c172		

c168: if F.58/3a then o else –
c169: if F.58/3a then m else –
c170: if F.58/5a and F.56/1b then x else –
c171: if F.58/5a then m else –
c172: if F.56/1b then x else –
c173: if F.58/2a then o else –
c174: if F.58/2a then m else –
c175: if F.58/2a then x else –

F.11.4 Attribute Groups

See Table F.60.

TABLE F.60/X.283

permanentVirtualCircuit-DTE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	dataPacketsReceived dataPacketsSent dataRetransmissionTimerExpiries interruptPacketsReceived interruptPacketsSent interruptTimerExpiries "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter providerInitiatedResets remotelyInitiatedResets resetTimeouts	c171		–		

F.11.5 Notifications

See Table F.61.

TABLE F.61/X.283

permanentVirtualCircuit-DTE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.61/X.283 *(concluded)*

permanentVirtualCircuit-DTE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

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F.12 The virtual call DCE managed object

F.12.1 Statement of conformance to the managed object class

See Table F.62.

TABLE F.62/X.283

virtualCall-DCE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	virtualCall-DCE	{2 13 0 2 3 31}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (See Table F.63).

TABLE F.63/X.283

virtualCall-DCE Actual class support

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

F.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 F.64.

TABLE F.64/X.283

virtualCall-DCE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c176		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c177		
4	virtualCall-DCE-P		Mandatory	m		
5	virtualCircuit-P		Mandatory	m		
6	dCECommonVirtualCircuitCounters-P	{2 13 0 2 4 23}	"the instance supports the dCECommonVirtualCircuitCounters capabilities"	o		
7	dCEVirtualCallFacilities-P	{2 13 0 2 4 24}	"the instance supports the dCEVirtualCallFacilities capabilities"	o		
c176: if F.64/3a or F.64/6a or F.64/7a then m else – c177: if F.621b then – else m						

F.12.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.65. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.65/X.283

virtualCall-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c178		c179		–		–		–		–		
2	bilateralCUGSelection	{2 13 0 2 7 126}	BOOLEAN	c180		c181		c182		–		–		c182		
3	cUGSelection	{2 13 0 2 7 135}	BOOLEAN	c183		m		c184		–		–		c184		
4	cUGWithOutgoingAccessSelection	{2 13 0 2 7 138}	BOOLEAN	c180		c181		c182		–		–		c182		
5	callRedirectionDeflectionNotification	{2 13 0 2 7 130}	BOOLEAN	c180		c181		c182		–		–		c182		
6	calledLineAddressModifiedNotification	{2 13 0 2 7 128}	BOOLEAN	c180		c181		c182		–		–		c182		
7	chargingDirection	{2 13 0 2 7 131}	BOOLEAN	c183		m		c184		–		–		c184		
8	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	c185		c186		c187		–		–		c187		
9	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	c185		c186		c187		–		–		c187		
10	direction	{2 13 0 2 7 92}	ENUMERATED	c183		m		c184		–		–		c184		
11	fastSelect	{2 13 0 2 7 76}	ENUMERATED	c183		m		c184		–		–		c184		
12	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	c185		c186		c187		–		–		c187		
13	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	c185		c186		c187		–		–		c187		
14	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	c185		c186		c187		–		–		c187		
15	logicalChannel	{2 13 0 2 7 89}	INTEGER	c183		m		c184		–		–		c184		
16	nUISelection	{2 13 0 2 7 155}	BOOLEAN	c180		c181		c182		–		–		c182		
17	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c188		m		x		–		–		x		
18	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c189		m		x		–		–		x		
19	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c185		c186		c187		–		–		c187		
20	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c185		c186		c187		–		–		c187		

TABLE F.65/X.283 *(concluded)*

virtualCall-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
21	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c190		c191		c192		c192		c192		c192		
22	packetSizes	{2 13 0 2 7 121}	SEQUENCE	c183		m		c184		–		–		c184		
23	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	c185		c186		c187		–		–		c187		
24	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	c185		c186		c187		–		–		c187		
25	rOASelection	{2 13 0 2 7 166}	BOOLEAN	c180		c181		c182		–		–		c182		
26	remoteDTEAddress	{2 13 0 2 7 93}	SEQUENCE	c183		m		c184		–		–		c184		
27	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	c185		c186		c187		–		–		c187		
28	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	c185		c186		c187		–		–		c187		
29	resetTimeouts	{2 13 0 2 7 60}	INTEGER	c185		c186		c187		–		–		c187		
30	reverseCharging	{2 13 0 2 7 75}	BOOLEAN	c180		c181		c182		–		–		c182		
31	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	c183		m		c184		–		–		c184		
32	transitDelaySelectionAndIndication	{2 13 0 2 7 169}	BOOLEAN	c183		m		c184		–		–		c184		
33	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	c188		m		x		–		–		x		
34	windowSizes	{2 13 0 2 7 124}	SEQUENCE	c183		m		c184		–		–		c184		
35	x25SegmentsReceived	{2 13 0 2 7 171}	INTEGER	c185		c186		c187		–		–		c187		
36	x25SegmentsSent	{2 13 0 2 7 170}	INTEGER	c185		c186		c187		–		–		c187		

c178: if F.64/3a then (if G.1/26a then o else x) else –
c179: if F.64/3a then m else –
c180: if F.64/7a and [F.62/1b or (G.1/25a)] then x else –
c181: if F.64/7a then m else –
c182: if F.64/7a and F.62/1b then x else –
c183: if F.62/1b or (G.1/25a) then x else –
c184: if F.62/1b then x else –
c185: if F.64/6a and [F.62/1b or (G.1/25a)] then x else –
c186: if F.64/6a then m else –
c187: if F.64/6a and F.62/1b then x else –
c188: if G.1/26a then o else x
c189: if G.1/26a then m else x
c190: if F.64/2a then (if G.1/26a then o else x) else –
c191: if F.64/2a then m else –
c192: if F.64/2a then x else –

F.12.4 Attribute Groups

See Table F.66.

TABLE F.66/X.283

virtualCall-DCE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	dataPacketsReceived dataPacketsSent interruptPacketsReceived interruptPacketsSent interruptTimerExpiries "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter providerInitiatedDisconnects providerInitiatedResets remotelyInitiatedResets remotelyInitiatedRestarts resetTimeouts x25SegmentsReceived x25SegmentsSent	c186		c187		

F.12.5 Actions

See Table F.67.

TABLE F.67/X.283

virtualCall-DCE Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		

F.12.6 Notifications

See Table F.68.

TABLE F.68/X.283

virtualCall-DCE Notification support

					Support										
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communications Information	{2 9 3 5 10 0}		m				1.1	CommunicationsInformation		**Information Syntax** SEQUENCE	m		
								1.1.1	informationType	{2 9 3 5 7 5}	OBJECT IDENTIFIER	m		
								1.1.2	informationData	{2 9 3 5 7 4}	SET OF SEQUENCE	o		
								1.1.2.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.2.2	significance	–	BOOLEAN	c:o		
								1.1.2.3	information	–	ANY DEFINED BY identifier	c:m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		

TABLE F.68/X.283 *(concluded)*

virtualCall-DCE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				3.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:o		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.13 The virtual call-DTE managed object

F.13.1 Statement of conformance to the managed object class

See Table F.69.

TABLE F.69/X.283

virtualCall-DTE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	virtualCall-DTE	{2 13 0 2 3 16}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.70).

TABLE F.70/X.283

virtualCall-DTE Actual class support

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

F.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 F.71.

TABLE F.71/X.283

virtualCall-DTE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c193		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c194		
4	virtualCall-DTE-P		Mandatory	m		
5	virtualCircuit-P		Mandatory	m		
6	dTEVirtualCircuitCounters-P	{2 13 0 2 4 19}	"the instance supports the dTEVirtualCircuitCounters capabilities"	o		
c193: if F.71/3a or F.71/6a then m else – c194: if F.69/1b then – else m						

F.13.3 Attributes

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

TABLE F.72/X.283

virtualCall-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c195		c196		–		–		–		–		
2	calledAddressExtension	{2 13 0 2 7 100}	OCTET STRING	x		m		c197		–		–		c197		
3	callingAddressExtension	{2 13 0 2 7 99}	OCTET STRING	x		m		c197		–		–		c197		
4	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	c198		c199		c200		–		–		c200		
5	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	c198		c199		c200		–		–		c200		
6	dataRetransmissionTimerExpiries	{2 13 0 2 7 58}	INTEGER	c198		c199		c200		–		–		c200		
7	direction	{2 13 0 2 7 92}	ENUMERATED	x		m		c197		–		–		c197		
8	fastSelect	{2 13 0 2 7 76}	ENUMERATED	x		m		c197		–		–		c197		
9	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	c198		c199		c200		–		–		c200		
10	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	c198		c199		c200		–		–		c200		
11	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	c198		c199		c200		–		–		c200		
12	logicalChannel	{2 13 0 2 7 89}	INTEGER	x		m		c197		–		–		c197		
13	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	x		m		x		–		–		x		
14	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	x		m		x		–		–		x		
15	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c198		c199		c200		–		–		c200		

TABLE F.72/X.283 *(concluded)*

virtualCall-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
16	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c198		c199		c200		–		–		c200		
17	originallyCalledAddress	{2 13 0 2 7 98}	SEQUENCE	x		m		c197		–		–		c197		
18	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c201		c202		c201		c201		c201		c201		
19	packetSizes	{2 13 0 2 7 121}	SEQUENCE	x		m		c197		–		–		c197		
20	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	c198		c199		c200		–		–		c200		
21	redirectReason	{2 13 0 2 7 97}	INTEGER	x		m		c197		–		–		c197		
22	remoteDTEAddress	{2 13 0 2 7 93}	SEQUENCE	x		m		c197		–		–		c197		
23	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	c198		c199		c200		–		–		c200		
24	resetTimeouts	{2 13 0 2 7 60}	INTEGER	c198		c199		c200		–		–		c200		
25	reverseCharging	{2 13 0 2 7 75}	BOOLEAN	x		m		c197		–		–		c197		
26	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	x		m		c197		–		–		c197		
27	virtualCircuitId	{2 13 0 2 7 116}	GraphicString	x		m		x		–		–		x		
28	windowSizes	{2 13 0 2 7 124}	SEQUENCE	x		m		c197		–		–		c197		

c195: if F.71/3a then x else –

c196: if F.71/3a then m else –

c197: if F.69/1b then x else –

c198: if F.71/6a then x else –

c199: if F.71/6a then m else –

c200: if F.71/6a and F.69/1b then x else –

c201: if F.71/2a then x else –

c202: if F.71/2a then m else –

F.13.4 Attribute Groups

See Table F.73.

TABLE F.73/X.283

virtualCall-DTE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	dataPacketsReceived dataPacketsSent dataRetransmissionTimerExpiries interruptPacketsReceived interruptPacketsSent interruptTimerExpiries "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter providerInitiatedResets remotelyInitiatedResets resetTimeouts	c199		–		

F.13.5 Actions

See Table F.74.

TABLE F.74/X.283

virtualCall-DTE Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		

F.13.6 Notifications

See Table F.75.

TABLE F.75/X.283

virtualCall-DTE Notification support

					Support										
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsInformation	{2 9 3 5 10 0}		m				1.1	CommunicationsInformation		**Information Syntax** SEQUENCE	m		
								1.1.1	informationType	{2 9 3 5 7 5}	OBJECT IDENTIFIER	m		
								1.1.2	informationData	{2 9 3 5 7 4}	SET OF SEQUENCE	o		
								1.1.2.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.2.2	significance	–	BOOLEAN	c:o		
								1.1.2.3	information	–	ANY DEFINED BY identifier	c:m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		

TABLE F.75/X.283 *(concluded)*

virtualCall-DTE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				3.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:o		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.14 The virtual call initial values managed object

F.14.1 Statement of conformance to the managed object class

See Table F.76.

TABLE F.76/X.283

virtualCallIVMO Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	virtualCallIVMO	{2 13 0 2 3 15}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (See Table F.77).

TABLE F.77/X.283

virtualCallIVMO Actual class support

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

F.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 F.78.

TABLE F.78/X.283

virtualCallIVMO Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c203		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c204		
4	virtualCallIVMO–P		Mandatory	m		
c203: if F.78/3a then m else – c204: if F.76/1b then – else m						

F.14.3 Attributes

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

TABLE F.79/X.283

virtualCallIVMO Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c205		c206		–		–		–		–		
2	fastSelect	{2 13 0 2 7 76}	ENUMERATED	m		m		m		–		–		c207		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m		x		–		–		x		
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	m		m		x		–		–		x		
5	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c208		c209		c210		c210		c210		c210		
6	packetSizes	{2 13 0 2 7 121}	SEQUENCE	m		m		m		–		–		c207		
7	reverseCharging	{2 13 0 2 7 75}	BOOLEAN	m		m		m		–		–		c207		
8	throughputClasses	{2 13 0 2 7 96}	SEQUENCE	m		m		m		–		–		c207		
9	virtualCallIVMOId	{2 13 0 2 7 117}	GraphicString	o		m		x		–		–		x		
10	windowSizes	{2 13 0 2 7 124}	SEQUENCE	m		m		m		–		–		c207		

c205: if F.78/3a then o else –
c206: if F.78/3a then m else –
c207: if F.76/1b then x else –
c208: if F.78/2a then o else –
c209: if F.78/2a then m else –
c210: if F.78/2a then x else –

F.14.4 Notifications

See Table F.80.

TABLE F.80/X.283

virtualCallIVMO Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.80/X.283 *(concluded)*

virtualCallIVMO Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.15 The X25 PLE DCE managed object

F.15.1 Statement of conformance to the managed object class

See Table F.81.

TABLE F.81/X.283

x25PLE-DCE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	x25PLE-DCE	{2 13 0 2 3 27}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.82).

TABLE F.82/X.283

x25PLE-DCE Actual class support

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

F.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 F.83.

TABLE F.83/X.283

x25PLE-DCE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c211		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c212		
4	x25PLE-DCE-P		Mandatory	m		
5	x25PLE-P		Mandatory	m		
6	dCECommonVirtualCircuitCounters-P	{2 13 0 2 4 23}	"the instance supports the dCECommon VirtualCircuitCounters capabilities"	o		
7	dCEX25PLEFacilities-P	{2 13 0 2 4 26}	"the instance supports the dCEX25PLEFacilities capabilities"	o		
8	dCEX25PLETimers-P	{2 13 0 2 4 25}	"the instance supports the dCEX25PLETimers capabilities"	o		
c211: if F.83/3a or F.83/6a or F.83/7a or F.83/8a then m else – c212: if F.81/1b then – else m						

F.15.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.84. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.84/X.283

x25PLE-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c213		m		m		–		–		c214		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c215		c216		–		–		–		–		
3	bilateralCUG	{2 13 0 2 7 125}	BOOLEAN	c217		c218		c218		–		–		c218		
4	bilateralCUGWithOutgoingAccess	{2 13 0 2 7 127}	BOOLEAN	c217		c218		c218		–		–		c218		
5	cUG	{2 13 0 2 7 134}	BOOLEAN	c213		m		m		–		–		m		
6	cUGWithIncomingAccess	{2 13 0 2 7 136}	BOOLEAN	c217		c218		c218		–		–		c218		
7	cUGWithOutgoingAccess	{2 13 0 2 7 137}	BOOLEAN	c217		c218		c218		–		–		c218		
8	callAttempts	{2 13 0 2 7 52}	INTEGER	c219		m		c214		–		–		c214		
9	callDeflectionSubscription	{2 13 0 2 7 114}	BOOLEAN	c217		c218		c218		–		–		c218		
10	callRedirection	{2 13 0 2 7 129}	BOOLEAN	c217		c218		c218		–		–		c218		
11	callsConnected	{2 13 0 2 7 53}	INTEGER	c219		m		c214		–		–		c214		
12	chargingInformation	{2 13 0 2 7 132}	BOOLEAN	c217		c218		c218		–		–		c218		
13	clearIndication	{2 13 0 2 7 133}	INTEGER	c220		c221		c221		–		–		c222		
14	dBitModification	{2 13 0 2 7 139}	BOOLEAN	c217		c218		c218		–		–		c218		
15	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	c223		c224		c225		–		–		c225		
16	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	c223		c224		c225		–		–		c225		
17	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	c213		m		m		–		–		m		
18	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	c213		m		m		–		–		m		
19	defaultThroughputClassesAssignment	{2 13 0 2 7 144}	SEQUENCE	c217		c218		c218		–		–		c218		
20	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	c213		m		m		–		–		m		
21	extendedPacketSequenceNumbering	{2 13 0 2 7 49}	INTEGER	c217		c218		c218		–		–		c218		
22	fastSelectAcceptance	{2 13 0 2 7 145}	BOOLEAN	c213		m		m		–		–		m		
23	flowControlParameterNegotiation	{2 13 0 2 7 119}	BOOLEAN	c213		m		m		–		–		m		
24	huntGroup	{2 13 0 2 7 146}	BOOLEAN	c217		c218		c218		–		–		c218		
25	incomingCall	{2 13 0 2 7 147}	INTEGER	c220		c221		c221		–		–		c222		
26	incomingCallBarredWithinCUG	{2 13 0 2 7 149}	BOOLEAN	c217		c218		c218		–		–		c218		
27	incomingCallsBarred	{2 13 0 2 7 148}	BOOLEAN	c213		m		m		–		–		m		

TABLE F.84/X.283 *(continued)*

x25PLE-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
28	interruptPacketsReceived	{2 13 0 2 7 68}	INTEGER	c223		c224		c225		–		–		c225		
29	interruptPacketsSent	{2 13 0 2 7 67}	INTEGER	c223		c224		c225		–		–		c225		
30	interruptTimerExpiries	{2 13 0 2 7 69}	INTEGER	c223		c224		c225		–		–		c225		
31	localChargingPrevention	{2 13 0 2 7 150}	BOOLEAN	c217		c218		c218		–		–		c218		
32	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	c213		m		m		–		–		c214		
33	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	c213		m		m		–		–		c214		
34	nUIOverride	{2 13 0 2 7 154}	BOOLEAN	c217		c218		c218		–		–		c218		
35	nUISubscription	{2 13 0 2 7 153}	BOOLEAN	c217		c218		c218		–		–		c218		
36	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c226		m		x		–		–		x		
37	nonStandardDefaultPacketSizes	{2 13 0 2 7 151}	SEQUENCE	c217		c218		c218		–		–		c218		
38	nonStandardDefaultWindowSizes	{2 13 0 2 7 152}	SEQUENCE	c217		c218		c218		–		–		c218		
39	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c213		m		x		–		–		x		
40	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c223		c224		c225		–		–		c225		
41	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c223		c224		c225		–		–		c225		
42	oneWayLogicalChannelIncoming	{2 13 0 2 7 156}	BOOLEAN	c217		c218		c218		–		–		c218		
43	oneWayLogicalChannelOutgoing	{2 13 0 2 7 157}	BOOLEAN	c213		m		m		–		–		m		
44	onlineFacilityRegistration	{2 13 0 2 7 158}	BOOLEAN	c217		c218		c218		–		–		c218		
45	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
46	outgoingCallBarredWithinCUG	{2 13 0 2 7 160}	BOOLEAN	c217		c218		c218		–		–		c218		
47	outgoingCallsBarred	{2 13 0 2 7 159}	BOOLEAN	c213		m		m		–		–		m		
48	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c227		c228		c229		c229		c229		c229		
49	packetRetransmission	{2 13 0 2 7 161}	BOOLEAN	c217		c218		c218		–		–		c218		

TABLE F.84/X.283 *(concluded)*

x25PLE-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
50	protocolVersionSupported	{2 13 0 2 7 38}	ENUMERATED	c219		m		c214		–		–		c214		
51	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	c223		c224		c225		–		–		c225		
52	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	c223		c224		c225		–		–		c225		
53	rOASubscription	{2 13 0 2 7 167}	BOOLEAN	c217		c218		c218		–		–		c218		
54	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	c223		c224		c225		–		–		c225		
55	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	c223		c224		c225		–		–		c225		
56	resetIndication	{2 13 0 2 7 163}	INTEGER	c220		c221		c221		–		–		c222		
57	resetTimeouts	{2 13 0 2 7 60}	INTEGER	c223		c224		c225		–		–		c225		
58	restartIndication	{2 13 0 2 7 164}	INTEGER	c220		c221		c221		–		–		c222		
59	reverseChargingAcceptance	{2 13 0 2 7 165}	BOOLEAN	c217		c218		c218		–		–		c218		
60	sN-SAP	{2 13 0 2 7 18}	ObjectInstance	c219		m		c214		–		–		c214		
61	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	c213		m		m		–		–		m		
62	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	c213		m		m		–		–		m		
63	x25PLEId	{2 13 0 2 7 36}	GraphicString	c226		m		x		–		–		x		
64	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	c213		m		m		–		–		c214		
65	x25SegmentsReceived	{2 13 0 2 7 171}	INTEGER	c223		c224		c225		–		–		c225		
66	x25SegmentsSent	{2 13 0 2 7 170}	INTEGER	c223		c224		c225		–		–		c225		

c213: if G.1/30a then m else x
c214: if F.81/1b then x else –
c215: if F.83/3a then (if G.1/30a then o else x) else –
c216: if F.83/3a then m else –
c217: if F.83/7a then (if G.1/30a then m else x) else –
c218: if F.83/7a then m else –
c219: if F.81/1b or G.1/29a x then x else –
c220: if F.83/8a then (if G.1/30a then m else x) else –
c221: if F.83/8a then m else –
c222: if F.83/8a and F.81/1b then x else –
c223: if F.83/6a and (F.81/1b or G.1/29a) then x else –
c224: if F.83/6a then m else –
c225: if F.83/6a and F.81/1b then x else –
c226: if G.1/30a then o else x
c227: if F.83/2a then (if G.1/30a then o else x) else –
c228: if F.83/2a then m else –
c229: if F.83/2a then x else –

F.15.4 Attribute Groups

See Table F.85.

TABLE F.85/X.283

x25PLE-DCE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	callAttempts callsConnected	m		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	dataPacketsReceived dataPacketsSent interruptPacketsReceived interruptPacketsSent interruptTimerExpiries "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter providerInitiatedDisconnects providerInitiatedResets remotelyInitiatedResets remotelyInitiatedRestarts resetTimeouts x25SegmentsReceived x25SegmentsSent	c224		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	m		–		

F.15.5 Actions

See Table F.86.

TABLE F.86/X.283

x25PLE-DCE Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": activate	{2 9 3 5 9 0}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			3.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							3.1.1	identifier	OBJECT IDENTIFIER	m		
							3.1.2	significance	BOOLEAN	o		
							3.1.3	information	ANY DEFINED BY identifier	m		
							3.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							3.2.1	identifier	OBJECT IDENTIFIER	m		
							3.2.2	significance	BOOLEAN	o		
							3.2.3	information	ANY DEFINED BY identifier	m		

F.15.6 Notifications

See Table F.87.

TABLE F.87/X.283

x25PLE-DCE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.87/X.283 *(continued)*

x25PLE-DCE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.87/X.283 *(concluded)*

x25PLE-DCE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		m				3.1	StateChangeInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								3.1.3.1	attributeID	–	AttributeId	m		
								3.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
								3.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
								3.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.7.2	significance	–	BOOLEAN	c:o		
								3.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

F.16 The X25 PLE DTE managed object

F.16.1 Statement of conformance to the managed object class

See Table F.88.

TABLE F.88/X.283

x25PLE-DTE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	x25PLE-DTE	{2 13 0 2 3 17}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.89).

TABLE F.89/X.283

x25PLE-DTE Actual class support

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

F.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 F.90.

TABLE F.90/X.283

x25PLE-DTE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c230		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c231		
4	x25PLE-DTE-P		Mandatory	m		
5	x25PLE-P		Mandatory	m		
6	dTEX25PLECo unters-P	{2 13 0 2 4 18}	"the instance supports the dTEX25PLECo unters-P capabilities"	o		
7	receivingWindowRo tationRecoveryPro cedures-P	{2 13 0 2 4 12}	"The optional window rotation recovery procedures are implemented at a receiving DTE"	o		
8	transmittingWind owRotationRecover yProcedures-P	{2 13 0 2 4 13}	"The optional window rotation recovery procedures are implemented at a transmitting DTE"	o		
9	packetRetransmis sionProcedures-P	{2 13 0 2 4 14}	"The optional packet retransmission procedures are implemented"	o		
10	onlineRegistration-P	{2 13 0 2 4 11}	"The optional online registration facility is implemented"	o		
c230: if F.90/3a or F.90/6a or F.90/7a or F.90/8a or F.90/9a or F.90/10a then m else – c231: if F.88/1b then – else m						

F.16.3 Attributes

The supplier of the implementation shall state whether or not the attributes specified by all of the packages instantiated in a managed object of this class are supported, in the Support and Additional information columns of Table F.91. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

TABLE F.91/X.283

x25PLE-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState	{2 9 3 2 7 31}	ENUMERATED	c232		m		m		–		–		c233		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c234		c235		–		–		–		–		
3	callAttempts	{2 13 0 2 7 52}	INTEGER	c236		m		c233		–		–		c233		
4	callDeflectionSubscription	{2 13 0 2 7 114}	BOOLEAN	c232		m		m		–		–		m		
5	callEstablishmentRetryCountsExceeded	{2 13 0 2 7 65}	INTEGER	c236		m		c233		–		–		c233		
6	callRequestResponseTimer	{2 13 0 2 7 77}	INTEGER	c232		m		m		–		–		m		
7	callTimeouts	{2 13 0 2 7 55}	INTEGER	c237		c238		c239		–		–		c239		
8	callsConnected	{2 13 0 2 7 53}	INTEGER	c237		c238		c239		–		–		c239		
9	clearCountsExceeded	{2 13 0 2 7 66}	INTEGER	c237		c238		c239		–		–		c239		
10	clearRequestResponseTimer	{2 13 0 2 7 79}	INTEGER	c232		m		m		–		–		m		
11	clearRequestRetransmissionCount	{2 13 0 2 7 81}	INTEGER	c232		m		m		–		–		m		
12	clearTimeouts	{2 13 0 2 7 56}	INTEGER	c237		c238		c239		–		–		c239		
13	dataPacketRetransmissionCount	{2 13 0 2 7 85}	INTEGER	c240		c241		c241		–		–		c241		
14	dataPacketsReceived	{2 13 0 2 7 51}	INTEGER	c237		c238		c239		–		–		c239		
15	dataPacketsSent	{2 13 0 2 7 50}	INTEGER	c237		c238		c239		–		–		c239		
16	dataRetransmissionTimerExpiries	{2 13 0 2 7 58}	INTEGER	c237		c238		c239		–		–		c239		
17	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	c232		m		m		–		–		m		
18	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	c232		m		m		–		–		m		
19	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	c232		m		m		–		–		m		
20	extendedPacketSequenceNumbering	{2 13 0 2 7 49}	INTEGER	c232		m		m		–		–		m		
21	flowControlParameterNegotiation	{2 13 0 2 7 119}	BOOLEAN	c232		m		m		–		–		m		
22	interruptResponseTimer	{2 13 0 2 7 82}	INTEGER	c232		m		m		–		–		m		
23	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	c232		m		m		–		–		m		

TABLE F.91/X.283 *(continued)*

x25PLE-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
24	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	c232		m		m		–		–		c233		
25	maxActiveCircuits	{2 13 0 2 7 41}	CHOICE	c232		m		m		–		–		m		
26	minimumRecallTimer	{2 13 0 2 7 43}	INTEGER	c232		m		m		–		–		m		
27	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c242		m		x		–		–		x		
28	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	c232		m		x		–		–		x		
29	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter	{2 9 3 2 7 78}	INTEGER	c237		c238		c239		–		–		c239		
30	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter	{2 9 3 2 7 80}	INTEGER	c237		c238		c239		–		–		c239		
31	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		
32	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c243		c244		c245		c245		c245		c245		
33	protocolErrorsAccusedOf	{2 13 0 2 7 64}	INTEGER	c236		m		c233		–		–		c233		
34	protocolErrorsDetectedLocally	{2 13 0 2 7 63}	INTEGER	c236		m		c233		–		–		c233		
35	protocolVersionSupported	{2 13 0 2 7 38}	ENUMERATED	c236		m		c233		–		–		c233		
36	providerInitiatedDisconnects	{2 13 0 2 7 54}	INTEGER	c237		c238		c239		–		–		c239		
37	providerInitiatedResets	{2 13 0 2 7 59}	INTEGER	c237		c238		c239		–		–		c239		
38	registrationPermitted	{2 13 0 2 7 105}	BOOLEAN	c246		c247		c247		–		–		c247		
39	registrationRequestResponseTimer	{2 13 0 2 7 44}	INTEGER	c246		c247		c247		–		–		c247		
40	registrationRequestRetransmissionCount	{2 13 0 2 7 46}	INTEGER	c246		c247		c247		–		–		c247		
41	rejectResponseTimer	{2 13 0 2 7 86}	INTEGER	c248		c249		c249		–		–		c249		
42	rejectRetransmissionCount	{2 13 0 2 7 87}	INTEGER	c248		c249		c249		–		–		c249		
43	remotelyInitiatedResets	{2 13 0 2 7 57}	INTEGER	c237		c238		c239		–		–		c239		
44	remotelyInitiatedRestarts	{2 13 0 2 7 61}	INTEGER	c237		c238		c239		–		–		c239		
45	resetRequestResponseTimer	{2 13 0 2 7 78}	INTEGER	c232		m		m		–		–		m		

TABLE F.91/X.283 *(concluded)*

x25PLE-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
46	resetRequestRetransmissionCount	{2 13 0 2 7 80}	INTEGER	c232		m		m		–		–		m		
47	resetTimeouts	{2 13 0 2 7 60}	INTEGER	c237		c238		c239		–		–		c239		
48	restartCountsExceeded	{2 13 0 2 7 62}	INTEGER	c237		c238		c239		–		–		c239		
49	restartRequestResponseTimer	{2 13 0 2 7 42}	INTEGER	c232		m		m		–		–		m		
50	restartRequestRetransmissionCount	{2 13 0 2 7 45}	INTEGER	c232		m		m		–		–		m		
51	sN-SAP	{2 13 0 2 7 18}	ObjectInstance	c236		m		c233		–		–		c233		
52	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	c232		m		m		–		–		m		
53	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	c232		m		m		–		–		m		
54	windowRotationTimer	{2 13 0 2 7 84}	INTEGER	c240		c241		c241		–		–		c241		
55	windowStatusTransmissionTimer	{2 13 0 2 7 83}	INTEGER	c250		c251		c251		–		–		c251		
56	x25PLEId	{2 13 0 2 7 36}	GraphicString	c242		m		x		–		–		x		
57	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	c232		m		m		–		–		c233		

c232: if G.1/30a then m else x
c233: if F.88/1b then x else –
c234: if F.90/3a then (if G.1/30a then o else x) else –
c235: if F.90/3a then m else –
c236: if F.88/1b or G.1/29a then x else –
c237: if F.90/6a and (F.88/1b or G.1/29a) then x else –
c238: if F.90/6a then m else –
c239: if F.90/6a and F.88/1b then x else –
c240: if F.90/8a then (if G.1/30a then m else x) else –
c241: if F.90/8a then m else –
c242: if G.1/30a then o else x
c243: if F.90/2a then (if G.1/30a then o else x) else –
c244: if F.90/2a then m else –
c245: if F.90/2a then x else –
c246: if F.90/10a then (if G.1/30a then m else x) else –
c247: if F.90/10a then m else –
c248: if F.90/9a then (if G.1/30a then m else x) else –
c249: if F.90/9a then m else –
c250: if F.90/7a then (if G.1/30a then m else x) else –
c251: if F.90/7a then m else –

F.16.4 Attribute Groups

See Table F.92.

TABLE F.92/X.283

x25PLE-DTE Attribute group support

				Get		Set to default		
Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Status	Support	Status	Support	Additionali nformation
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	callAttempts callEstablishmentRetryCo untsExceeded protocolErrorsAccusedOf protocolErrorsDetectedLo cally	m		–		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994" counters	{2 9 3 5 8 0}	callTimeouts callsConnected clearCountsExceeded clearTimeouts dataPacketsReceived dataPacketsSent dataRetransmissionTim erExpiries "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsReceivedCounter "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": octetsSentCounter providerInitiatedDis connects providerInitiatedResets remotelyInitiatedResets remotelyInitiatedRestarts resetTimeouts restartCountsExceeded	c238		–		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": state	{2 9 3 2 8 1}	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": administrativeState "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState	m		–		

F.16.5 Actions

See Table F.93.

TABLE F.93/X.283

x25PLE-DTE Action support

Index	Action type template label	Value of object identifier for action type	Constraints and values	Status	Support	Additional information	Subindex	Action field name label	Constraints and values	Status	Support	Additional information
1	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": activate	{2 9 3 5 9 0}		m			1.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							1.1.1	identifier	OBJECT IDENTIFIER	m		
							1.1.2	significance	BOOLEAN	o		
							1.1.3	information	ANY DEFINED BY identifier	m		
							1.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							1.2.1	identifier	OBJECT IDENTIFIER	m		
							1.2.2	significance	BOOLEAN	o		
							1.2.3	information	ANY DEFINED BY identifier	m		
2	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": deactivate	{2 9 3 5 9 1}		m			2.1	ActionInfo	**Information Syntax** SET OF SEQUENCE	m		
							2.1.1	identifier	OBJECT IDENTIFIER	m		
							2.1.2	significance	BOOLEAN	o		
							2.1.3	information	ANY DEFINED BY identifier	m		
							2.2	ActionReply	**Reply Syntax** SET OF SEQUENCE	m		
							2.2.1	identifier	OBJECT IDENTIFIER	m		
							2.2.2	significance	BOOLEAN	o		
							2.2.3	information	ANY DEFINED BY identifier	m		

F.16.6 Notifications

See Table F.94.

TABLE F.94/X.283

x25PLE-DTE Notification support

					Support										
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": communicationsAlarm	{2 9 3 2 10 2}		m			notificationData	1.1	AlarmInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	probableCause	{2 9 3 2 7 18}	CHOICE	m		
								1.1.1.1	globalValue	–	OBJECT IDENTIFIER	o.1		
								1.1.1.2	localValue	–	INTEGER	o.1		
								1.1.2	specificProblems	{2 9 3 2 7 27}	SET OF CHOICE	o		
								1.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.2		
								1.1.2.2	INTEGER	–	INTEGER	c:o.2		
								1.1.3	perceivedSeverity	{2 9 3 2 7 17}	ENUMERATED	m		
								1.1.4	backedUpStatus	{2 9 3 2 7 11}	BOOLEAN	o		
								1.1.5	backUpObject	{2 9 3 2 7 40}	ObjectInstance	o		
								1.1.6	trendIndication	{2 9 3 2 7 30}	ENUMERATED	o		
								1.1.7	thresholdInfo	{2 9 3 2 7 29}	SEQUENCE	o		
								1.1.7.1	triggeredThreshold	–	AttributeId	c:m		
								1.1.7.2	observedValue	–	CHOICE	c:m		
								1.1.7.2.1	integer	–	INTEGER	c:o.3		
								1.1.7.2.2	real	–	REAL	c:o.3		

TABLE F.94/X.283 *(continued)*

x25PLE-DTE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
								1.1.7.3	thresholdLevel	–	CHOICE	c:o		
								1.1.7.3.1	up	–	SEQUENCE	c:o.4		
								1.1.7.3.1.1	high	–	CHOICE	c:m		
								1.1.7.3.1.1.1	integer	–	INTEGER	c:o.5		
								1.1.7.3.1.1.2	real	–	REAL	c:o.5		
								1.1.7.3.1.2	low	–	CHOICE	c:o		
								1.1.7.3.1.2.1	integer	–	INTEGER	c:o.6		
								1.1.7.3.1.2.2	real	–	REAL	c:o.6		
								1.1.7.3.2	down	–	SEQUENCE	c:o.4		
								1.1.7.3.2.1	high	–	CHOICE	c:m		
								1.1.7.3.2.1.1	integer	–	INTEGER	c:o.7		
								1.1.7.3.2.1.2	real	–	REAL	c:o.7		
								1.1.7.3.2.2	low	–	CHOICE	c:m		
								1.1.7.3.2.2.1	integer	–	INTEGER	c:o.8		
								1.1.7.3.2.2.2	real	–	REAL	c:o.8		
								1.1.7.4	armTime	–	GeneralizedTime	c:o		
								1.1.8	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.9	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.9.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.9.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.10	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	o		
								1.1.10.1	attributeID	–	AttributeId	c:m		
								1.1.10.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
								1.1.10.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								1.1.11	monitoredAttributes	{2 9 3 2 7 15}	SET OF Attribute	o		

TABLE F.94/X.283 *(continued)*

x25PLE-DTE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
								1.1.12	proposedRepairActions	{2 9 3 2 7 19}	SET OF CHOICE	o		
								1.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.9		
								1.1.12.2	INTEGER	–	INTEGER	c:o.9		
								1.1.13	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.14	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.14.2	significance	–	BOOLEAN	c:o		
								1.1.14.3	information	–	ANY DEFINED BY identifier	c:m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		

TABLE F.94/X.283 *(continued)*

x25PLE-DTE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support: Con-firmed	Support: Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				3.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								3.1.6.2	significance	–	BOOLEAN	c:o		
								3.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.94/X.283 *(concluded)*

x25PLE-DTE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
4	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": stateChange	{2 9 3 2 10 14}		m				4.1	StateChangeInfo		**Information Syntax** SEQUENCE	m		
								4.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								4.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								4.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								4.1.3.1	attributeID	–	AttributeId	m		
								4.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
								4.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
								4.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								4.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								4.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								4.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								4.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								4.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								4.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								4.1.7.2	significance	–	BOOLEAN	c:o		
								4.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

F.16.7 Parameters

See Table F.95.

TABLE F.95/X.283

x25PLE-DTE Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	notificationData	{2 13 0 2 5 7}	EVENT-INFO communicationsAlarm	m		

F.17 The X25 PLE DCE initial values managed object

F.17.1 Statement of conformance to the managed object class

See Table F.96.

TABLE F.96/X.283

x25PLEIVMO-DCE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	x25PLEIVMO-DCE	{2 13 0 2 3 28}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.97).

TABLE F.97/X.283

x25PLEIVMO-DCE Actual class support

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

F.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 F.98.

TABLE F.98/X.283

x25PLEIVMO-DCE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c252		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c253		
4	x25PLEIVMO-P		Mandatory	m		
c252: if F.98/3a then m else – c253: if F.96/1b then – else m						

F.17.3 Attributes

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

TABLE F.99/X.283

x25PLEIVMO-DCE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c254		c255		–		–		–		–		
2	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	m		m		m		–		–		m		
3	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	m		m		m		–		–		m		
4	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	m		m		m		–		–		m		
5	flowControlParameterNegotiation	{2 13 0 2 7 119}	BOOLEAN	m		m		m		–		–		m		
6	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	m		m		m		–		–		c256		
7	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	m		m		m		–		–		c256		
8	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m		x		–		–		x		
9	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	m		m		x		–		–		x		
10	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c257		c258		c259		c259		c259		c259		
11	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	m		m		m		–		–		c256		
12	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	m		m		m		–		–		m		
13	x25PLEIVMOId	{2 13 0 2 7 37}	GraphicString	o		m		x		–		–		x		
14	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	m		m		m		–		–		c256		

c254: if F.98/3a then o else –
c255: if F.98/3a then m else –
c256: if F.96/1b then x else –
c257: if F.98/2a then o else –
c258: if F.98/2a then m else –
c259: if F.98/2a then x else –

F.17.4 Notifications

See Table F.100.

TABLE F.100/X.283

x25PLEIVMO-DCE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.100/X.283 *(concluded)*

x25PLEIVMO-DCE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

F.18 The X25 PLE DTE initial values managed object

F.18.1 Statement of conformance to the managed object class

See Table F.101.

TABLE F.101/X.283

x25PLEIVMO-DTE Managed object class support

Index	Managed object class template label	Value of object identifier for class	Support of all mandatory features? (Y/N)	Is the actual class the same as the managed object class to which conformance is claimed? (Y/N)
1	x25PLEIVMO-DCE	{2 13 0 2 3 28}		

If the answer to the actual class question in the managed object class support table is No, the supplier of the implementation shall fill in the actual class support table (see Table F.102).

TABLE F.102/X.283

x25PLEIVMO-DTE Actual class support

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

F.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 F.103.

TABLE F.103/X.283

x25PLEIVMO-DTE Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": topPackage		Mandatory	m		
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packagesPackage	{2 9 3 2 4 16}	"any registered package, other than this package has been instantiated"	c260		
3	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphicPackage	{2 9 3 2 4 17}	"if an object supports allomorphism"	c261		
4	x25PLEIVMO-DTE-P		Mandatory	m		
5	x25PLEIVMO-P		Mandatory	m		
6	receivingWindowRotationRecoveryProcedures-P	{2 13 0 2 4 12}	"The optional window rotation recovery procedures are implemented at a receiving DTE"	o		
7	transmittingWindowRotationRecoveryProcedures-P	{2 13 0 2 4 13}	"The optional window rotation recovery procedures are implemented at a transmitting DTE"	o		
8	packetRetransmissionProcedures-P	{2 13 0 2 4 14}	"The optional packet retransmission procedures are implemented"	o		
9	onlineRegistration-P	{2 13 0 2 4 11}	"The optional online registration facility is implemented"	o		
c260: if F.103/3a or F.103/6a or F.103/7a or F.103/8a or F.103/9a then m else – c261: if F.101/1b then – else m						

F.18.3 Attributes

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

TABLE F.104/X.283

x25PLEIVMO-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c262		c263		–		–		–		–		
2	callDeflectionSubscription	{2 13 0 2 7 114}	BOOLEAN	m		m		m		–		–		m		
3	callRequestResponseTimer	{2 13 0 2 7 77}	INTEGER	m		m		m		–		–		m		
4	clearRequestResponseTimer	{2 13 0 2 7 79}	INTEGER	m		m		m		–		–		m		
5	clearRequestRetransmissionCount	{2 13 0 2 7 81}	INTEGER	m		m		m		–		–		m		
6	dataPacketRetransmissionCount	{2 13 0 2 7 85}	INTEGER	c264		c264		c264		–		–		c264		
7	defaultPacketSizes	{2 13 0 2 7 103}	SEQUENCE	m		m		m		–		–		m		
8	defaultThroughputClasses	{2 13 0 2 7 112}	SEQUENCE	m		m		m		–		–		m		
9	defaultWindowSizes	{2 13 0 2 7 104}	SEQUENCE	m		m		m		–		–		m		
10	extendedPacketSequenceNumbering	{2 13 0 2 7 49}	INTEGER	m		m		m		–		–		m		
11	flowControlParameterNegotiation	{2 13 0 2 7 119}	BOOLEAN	m		m		m		–		–		m		
12	interruptResponseTimer	{2 13 0 2 7 82}	INTEGER	m		m		m		–		–		m		
13	localDTEAddress	{2 13 0 2 7 39}	SEQUENCE	m		m		m		–		–		c265		
14	logicalChannelAssignments	{2 13 0 2 7 48}	SEQUENCE	m		m		m		–		–		c265		
15	maxActiveCircuits	{2 13 0 2 7 41}	CHOICE	m		m		m		–		–		m		
16	minimumRecallTimer	{2 13 0 2 7 43}	INTEGER	m		m		m		–		–		m		
17	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m		x		–		–		x		
18	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectClass	{2 9 3 2 7 65}	ObjectClass	m		m		x		–		–		x		
19	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c266		c267		c268		c268		c268		c268		

TABLE F.104/X.283 *(concluded)*

x25PLEIVMO-DTE Attribute support

				Set by create		Get		Replace		Add		Remove		Set to default		
Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Additional information
20	registrationPermitted	{2 13 0 2 7 105}	BOOLEAN	c269		c269		c269		–		–		c269		
21	registrationRequestResponseTimer	{2 13 0 2 7 44}	INTEGER	c269		c269		c269		–		–		c269		
22	registrationRequestRetransmissionCount	{2 13 0 2 7 46}	INTEGER	c269		c269		c269		–		–		c269		
23	rejectResponseTimer	{2 13 0 2 7 86}	INTEGER	c270		c270		c270		–		–		c270		
24	rejectRetransmissionCount	{2 13 0 2 7 87}	INTEGER	c270		c270		c270		–		–		c270		
25	resetRequestResponseTimer	{2 13 0 2 7 78}	INTEGER	m		m		m		–		–		m		
26	resetRequestRetransmissionCount	{2 13 0 2 7 80}	INTEGER	m		m		m		–		–		m		
27	restartRequestResponseTimer	{2 13 0 2 7 42}	INTEGER	m		m		m		–		–		m		
28	restartRequestRetransmissionCount	{2 13 0 2 7 45}	INTEGER	m		m		m		–		–		m		
29	sN-ServiceProvider	{2 13 0 2 7 19}	ObjectInstance	m		m		m		–		–		c265		
30	throughputClassNegotiation	{2 13 0 2 7 168}	BOOLEAN	m		m		m		–		–		m		
31	windowRotationTimer	{2 13 0 2 7 84}	INTEGER	c264		c264		c264		–		–		c264		
32	windowStatusTransmissionTimer	{2 13 0 2 7 83}	INTEGER	c271		c271		c271		–		–		c271		
33	x25PLEIVMOId	{2 13 0 2 7 37}	GraphicString	o		m		x		–		–		x		
34	x25PLEMode	{2 13 0 2 7 120}	ENUMERATED	m		m		m		–		–		c265		

c262: if F.103/3a then o else –
c263: if F.103/3a then m else –
c264: if F.103/7a then m else –
c265: if F.101/1b then x else –
c266: if F.103/2a then o else –
c267: if F.103/2a then m else –
c268: if F.103/2a then x else –
c269: if F.103/9a then m else –
c270: if F.103/8a then m else –
c271: if F.103/6a then m else –

F.18.4 Notifications

See Table F.105.

TABLE F.105/X.283

x25PLEIVMO-DTE Notification support

Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Support		Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
					Con-firmed	Non con-firmed								
1	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectCreation	{2 9 3 2 10 6}		m				1.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								1.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.6.2	significance	–	BOOLEAN	c:o		
								1.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

TABLE F.105/X.283 *(concluded)*

x25PLEIVMO-DTE Notification support

					Support									
Index	Notification type template label	Value of object identifier for notification type	Constraints and values	Status	Con-firmed	Non con-firmed	Additional information	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": objectDeletion	{2 9 3 2 10 7}		m				2.1	ObjectInfo		**Information Syntax** SEQUENCE	m		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:o		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
								2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
								2.1.6.2	significance	–	BOOLEAN	c:o		
								2.1.6.3	information	–	ANY DEFINED BY identifier	c:m		

Annexe G

Formulaire MRCS pour la corrélation de noms[6)]

G.1 Introduction

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

G.2 Instructions for completing the MRCS proforma for name binding to produce a MRCS[7)]

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

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

7) Les instructions pour le formulaire MRCS sont spécifiées dans l'article 5 de la Rec. UIT-T X.724 | ISO/CEI 10165-6.

G.3 Statement of conformance to the name binding

See Table G.1.

TABLE G.1/X.283

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	cLNS-networkEntity-Automatic	{2 13 0 2 6 16}	Superior class: networkEntity AND SUBCLASSES	o			1.1	Create support		x		
							1.1.1	Create with reference object		–		
							1.1.2	Create with automatic instance naming		–		
							1.2	Delete support		x		
							1.2.1	Delete only if no contained objects		–		
							1.2.2	Delete contained objects		–		
2	cLNS-networkEntity-Management	{2 13 0 2 6 3}	Superior class: networkEntity AND SUBCLASSES	o			2.1	Create support		m		
							2.1.1	Create with reference object		–		
							2.1.2	Create with automatic instance naming		–		
							2.2	Delete support		m		
							2.2.1	Delete only if no contained objects		m		
							2.2.2	Delete contained objects		x		
3	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": clProtocolMachine-entity	{2 9 3 5 6 0}	Superior class: "ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEntity AND SUBCLASSES	o			3.1	Create support		x		
							3.1.1	Create with reference object		–		
							3.1.2	Create with automatic instance naming		–		
							3.2	Delete support		x		
							3.2.1	Delete only if no contained objects		–		
							3.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
4	cONS-networkEntity-Automatic	{2 13 0 2 6 17}	Superior class: networkEntity AND SUBCLASSES	o			4.1	Create support		x		
							4.1.1	Create with reference object		–		
							4.1.2	Create with automatic instance naming		–		
							4.2	Delete support		x		
							4.2.1	Delete only if no contained objects		–		
							4.2.2	Delete contained objects		–		
5	cONS-networkEntity-Management	{2 13 0 2 6 8}	Superior class: networkEntity AND SUBCLASSES	o			5.1	Create support		m		
							5.1.1	Create with reference object		–		
							5.1.2	Create with automatic instance naming		–		
							5.2	Delete support		m		
							5.2.1	Delete only if no contained objects		m		
							5.2.2	Delete contained objects		x		
6	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": coProtocolMachine-entity	{2 9 3 5 6 2}	Superior class: "ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEntity AND SUBCLASSES	o			6.1	Create support		x		
							6.1.1	Create with reference object		–		
							6.1.2	Create with automatic instance naming		–		
							6.2	Delete support		x		
							6.2.1	Delete only if no contained objects		–		
							6.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
7	dSeriesCountsvirtualCall-DCE-Automatic	{2 13 0 2 6 32}	Superior class: virtualCall-DCE AND SUBCLASSES	o			7.1	Create support		x		
							7.1.1	Create with reference object		–		
							7.1.2	Create with automatic instance naming		–		
							7.2	Delete support		m		
							7.2.1	Delete only if no contained objects		–		
							7.2.2	Delete contained objects		–		
8	dSeriesCountsvirtualCall-DCE-Management	{2 13 0 2 6 33}	Superior class: virtualCall-DCE AND SUBCLASSES	o			8.1	Create support		m		
							8.1.1	Create with reference object		–		
							8.1.2	Create with automatic instance naming		–		
							8.2	Delete support		m		
							8.2.1	Delete only if no contained objects		–		
							8.2.2	Delete contained objects		–		
9	linkage-cLNS-Automatic	{2 13 0 2 6 22}	Superior class: cLNS AND SUBCLASSES	o			9.1	Create support		x		
							9.1.1	Create with reference object		–		
							9.1.2	Create with automatic instance naming		–		
							9.2	Delete support		x		
							9.2.1	Delete only if no contained objects		–		
							9.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
10	linkage-cLNS-Management	{2 13 0 2 6 20}	Superior class: cLNS AND SUBCLASSES	o			10.1	Create support		m		
							10.1.1	Create with reference object		m		
							10.1.2	Create with automatic instance naming		–		
							10.2	Delete support		m		
							10.2.1	Delete only if no contained objects		–		
							10.2.2	Delete contained objects		–		
11	linkage-cONS-Automatic	{2 13 0 2 6 23}	Superior class: cONS AND SUBCLASSES	o			11.1	Create support		x		
							11.1.1	Create with reference object		–		
							11.1.2	Create with automatic instance naming		–		
							11.2	Delete support		x		
							11.2.1	Delete only if no contained objects		–		
							11.2.2	Delete contained objects		–		
12	linkage-cONS-Management	{2 13 0 2 6 21}	Superior class: cONS AND SUBCLASSES	o			12.1	Create support		m		
							12.1.1	Create with reference object		m		
							12.1.2	Create with automatic instance naming		–		
							12.2	Delete support		m		
							12.2.1	Delete only if no contained objects		–		
							12.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
13	nSAP-networkSubsystem-Automatic	{2 13 0 2 6 4}	Superior class: networkSubsystem AND SUBCLASSES	o			13.1	Create support		x		
							13.1.1	Create with reference object		–		
							13.1.2	Create with automatic instance naming		–		
							13.2	Delete support		x		
							13.2.1	Delete only if no contained objects		–		
							13.2.2	Delete contained objects		–		
14	nSAP-networkSubsystem-Management	{2 13 0 2 6 5}	Superior class: networkSubsystem AND SUBCLASSES	o			14.1	Create support		m		
							14.1.1	Create with reference object		–		
							14.1.2	Create with automatic instance naming		–		
							14.2	Delete support		m		
							14.2.1	Delete only if no contained objects		–		
							14.2.2	Delete contained objects		–		
15	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": sap2-subsystem	{2 9 3 5 6 4}	Superior class: "ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystem AND SUBCLASSES	o			15.1	Create support		x		
							15.1.1	Create with reference object		–		
							15.1.2	Create with automatic instance naming		–		
							15.2	Delete support		x		
							15.2.1	Delete only if no contained objects		–		
							15.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
16	networkConnection-cONS	{2 13 0 2 6 19}	Superior class: cONS AND SUBCLASSES	o			16.1	Create support		x		
							16.1.1	Create with reference object		–		
							16.1.2	Create with automatic instance naming		–		
							16.2	Delete support		m		
							16.2.1	Delete only if no contained objects		–		
							16.2.2	Delete contained objects		–		
17	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": singlePeerConnection-coProtocolMachine	{2 9 3 5 6 5}	Superior class: "ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": coProtocolMachine AND SUBCLASSES	o			17.1	Create support		x		
							17.1.1	Create with reference object		–		
							17.1.2	Create with automatic instance naming		–		
							17.2	Delete support		x		
							17.2.1	Delete only if no contained objects		–		
							17.2.2	Delete contained objects		–		
18	networkEntity-networkSubsystem-Automatic	{2 13 0 2 6 27}	Superior class: networkSubsystem AND SUBCLASSES	o			18.1	Create support		x		
							18.1.1	Create with reference object		–		
							18.1.2	Create with automatic instance naming		–		
							18.2	Delete support		x		
							18.2.1	Delete only if no contained objects		–		
							18.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
19	networkEntity-networkSubsystem-Management	{2 13 0 2 6 28}	Superior class: networkSubsystem AND SUBCLASSES	o			19.1	Create support		m		
							19.1.1	Create with reference object		–		
							19.1.2	Create with automatic instance naming		–		
							19.2	Delete support		m		
							19.2.1	Delete only if no contained objects		–		
							19.2.2	Delete contained objects		–		
20	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": communicationsEntity-subsystem	{2 9 3 5 6 1}	Superior class: "ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystem AND SUBCLASSES	o			20.1	Create support		x		
							20.1.1	Create with reference object		–		
							20.1.2	Create with automatic instance naming		–		
							20.2	Delete support		x		
							20.2.1	Delete only if no contained objects		–		
							20.2.2	Delete contained objects		–		
21	networkSubsystem-system	{2 13 0 2 6 1}	Superior class: "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": system AND SUBCLASSES	o			21.1	Create support		x		
							21.1.1	Create with reference object		–		
							21.1.2	Create with automatic instance naming		–		
							21.2	Delete support		x		
							21.2.1	Delete only if no contained objects		–		
							21.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
22	"ITU-T Rec. X.723 (1993) | ISO/IEC 10165-5:1994": subsystem-system	{2 9 3 5 6 6}	Superior class: "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2:1992": system AND SUBCLASSES	o			22.1	Create support		x		
							22.1.1	Create with reference object		–		
							22.1.2	Create with automatic instance naming		–		
							22.2	Delete support		x		
							22.2.1	Delete only if no contained objects		–		
							22.2.2	Delete contained objects		–		
23	permanentVirtualCircuit-DCE-x25PLE-DCE	{2 13 0 2 6 29}	Superior class: x25PLE-DCE AND SUBCLASSES	o			23.1	Create support		m		
							23.1.1	Create with reference object		–		
							23.1.2	Create with automatic instance naming		m		
							23.2	Delete support		m		
							23.2.1	Delete only if no contained objects		–		
							23.2.2	Delete contained objects		–		
24	permanentVirtualCircuit-DTE-x25PLE-DTE	{2 13 0 2 6 26}	Superior class: x25PLE-DTE AND SUBCLASSES	o			24.1	Create support		m		
							24.1.1	Create with reference object		–		
							24.1.2	Create with automatic instance naming		m		
							24.2	Delete support		m		
							24.2.1	Delete only if no contained objects		–		
							24.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
25	virtualCall-DCE-x25PLE-DCE-Automatic	{2 13 0 2 6 30}	Superior class: x25PLE-DCE AND SUBCLASSES	o			25.1	Create support		x		
							25.1.1	Create with reference object		–		
							25.1.2	Create with automatic instance naming		–		
							25.2	Delete support		m		
							25.2.1	Delete only if no contained objects		–		
							25.2.2	Delete contained objects		–		
26	virtualCall-DCE-x25PLE-DCE-Management	{2 13 0 2 6 31}	Superior class: x25PLE-DCE AND SUBCLASSES	o			26.1	Create support		m		
							26.1.1	Create with reference object		–		
							26.1.2	Create with automatic instance naming		m		
							26.2	Delete support		m		
							26.2.1	Delete only if no contained objects		–		
							26.2.2	Delete contained objects		–		
27	virtualCall-DTE-x25PLE-DTE	{2 13 0 2 6 24}	Superior class: x25PLE-DTE AND SUBCLASSES	o			27.1	Create support		x		
							27.1.1	Create with reference object		–		
							27.1.2	Create with automatic instance naming		–		
							27.2	Delete support		x		
							27.2.1	Delete only if no contained objects		–		
							27.2.2	Delete contained objects		–		

TABLE G.1/X.283 *(continued)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
28	virtualCallIVMO-x25PLE	{2 13 0 2 6 25}	Superior class: x25PLE AND SUBCLASSES	o			28.1	Create support		m		
							28.1.1	Create with reference object		–		
							28.1.2	Create with automatic instance naming		–		
							28.2	Delete support		m		
							28.2.1	Delete only if no contained objects		–		
							28.2.2	Delete contained objects		–		
29	x25PLE-networkSubsystem-Automatic	{2 13 0 2 6 18}	Superior class: networkSubsystem AND SUBCLASSES	o			29.1	Create support		x		
							29.1.1	Create with reference object		–		
							29.1.2	Create with automatic instance naming		–		
							29.2	Delete support		m		
							29.2.1	Delete only if no contained objects		–		
							29.2.2	Delete contained objects		–		
30	x25PLE-networkSubsystem-Management	{2 13 0 2 6 9}	Superior class: networkSubsystem AND SUBCLASSES	o			30.1	Create support		m		
							30.1.1	Create with reference object		m		
							30.1.2	Create with automatic instance naming		–		
							30.2	Delete support		m		
							30.2.1	Delete only if no contained objects		m		
							30.2.2	Delete contained objects		x		

TABLE G.1/X.283 *(concluded)*

Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex	Operation	Constraints and values	Status	Support	Additional information
31	x25PLEIVMO-networkSubsystem	{2 13 0 2 6 10}	Superior class: networkSubsystem AND SUBCLASSES	o			31.1	Create support		m		
							31.1.1	Create with reference object		m		
							31.1.2	Create with automatic instance naming		–		
							31.2	Delete support		m		
							31.2.1	Delete only if no contained objects		–		
							31.2.2	Delete contained objects		–		

SÉRIES DES RECOMMANDATIONS UIT-T

Série A	Organisation du travail de l'UIT-T
Série B	Moyens d'expression
Série C	Statistiques générales des télécommunications
Série D	Principes généraux de tarification
Série E	Réseau téléphonique et RNIS
Série F	Services de télécommunication non téléphoniques
Série G	Systèmes et supports de transmission
Série H	Transmission des signaux autres que téléphoniques
Série I	Réseau numérique à intégration de services
Série J	Transmission des signaux radiophoniques et télévisuels
Série K	Protection contre les perturbations
Série L	Construction, installation et protection des câbles et autres éléments des installations extérieures
Série M	Maintenance: systèmes de transmission, de télégraphie, de télécopie, circuits téléphoniques et circuits loués internationaux
Série N	Maintenance: circuits internationaux de transmission radiophoniques et télévisuels
Série O	Spécifications des appareils de mesure
Série P	Qualité de transmission téléphonique
Série Q	Commutation et signalisation
Série R	Transmission télégraphique
Série S	Equipements terminaux de télégraphie
Série T	Equipements terminaux et protocoles des services télématiques
Série U	Commutation télégraphique
Série V	Communications de données sur le réseau téléphonique
Série X	**Réseaux pour données et communication entre systèmes ouverts**
Série Z	Langages de programmation