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UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS

UIT-T

SECTEUR DE LA NORMALISATION
DES TÉLÉCOMMUNICATIONS
DE L'UIT

X.282

Amendement 1
(10/96)

SÉRIE X: RÉSEAUX POUR COMMUNICATION
DE DONNÉES ET COMMUNICATION ENTRE
SYSTÈMES OUVERTS

Interconnexion des systèmes ouverts – Objets gérés de
couche

Eléments d'information de gestion relatifs à la
couche liaison de données de l'interconnexion
des systèmes ouverts

**Amendement 1: Formulaires de déclaration de
conformité d'instance**

Recommandation UIT-T X.282 – Amendement 1
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(Antérieurement «Recommandation du CCITT»)

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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.

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AVANT-PROPOS

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

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

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

L'amendement 1 à la Recommandation UIT-T X.282, que l'on doit à la Commission d'études 7 (1993-1996) de l'UIT-T, a été approuvée 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.

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TABLE DES MATIÈRES

	<i>Page</i>
7 Conformité.....	2
Annexe E – Formulaire MCS	3
Annexe F – Formulaire MICS	10
Annexe G – Formulaire MOCS	35
Annexe H – Formulaire MRCS pour les corrélations de noms	95

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RÉSUMÉ

La présente Recommandation spécifie les informations de gestion relatives à la couche Liaison de données, y compris la définition des objets gérés de couche Liaison de données appartenant à la classe des objets gérés, la relation de ces objets gérés et de leurs attributs avec, d'une part, le fonctionnement de cette couche et, d'autre part, les autres objets et attributs de cette couche, ainsi que les actions qui peuvent être effectuées sur les attributs des objets gérés de la couche Liaison de données. On y trouvera en outre la déclaration de conformité des objets gérés.

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Amendement 1 à la Recommandation X.282

ÉLÉMENTS D'INFORMATION DE GESTION RELATIFS À LA COUCHE LIAISON DE DONNÉES DE L'INTERCONNEXION DES SYSTÈMES OUVERTS

AMENDEMENT 1 Formulaires de déclaration de conformité d'instance

(Genève, 1996)

1) Ajouter à la fin de l'article 1 (Champ d'application) l'alinéa suivant:

Les Annexes E, F, G et H, qui font partie intégrante de la présente Recommandation, contiennent les formulaires de déclaration de conformité d'instance (ICS, *implementation conformance statement*) associés aux informations de gestion de la couche Liaison de données.

2) Insérer au paragraphe 2.1, par ordre numérique, la référence suivante:

- 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.*

3) Insérer au paragraphe 2.2, par ordre numérique, les références suivantes:

- 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).*
- Recommandation UIT-T X.290 (1995), *Cadre général et méthodologie des tests de conformité pour les Recommandations sur les protocoles pour les applications de l'UIT-T – 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 UIT-T X.291 (1995), *Cadre général et méthodologie des tests de conformité pour les Recommandations sur les protocoles pour les applications de l'UIT-T – Spécification de suite de tests abstraite.*

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.*

4) Insérer dans le texte de l'article 4 les abréviations suivantes:

- | | |
|------|--|
| MCS | Récapitulatif de conformité de gestion (<i>management conformance summary</i>) |
| MICS | Déclaration de conformité d'information de gestion (<i>management information conformance statement</i>) |
| MOCS | Déclaration de conformité d'objet géré (<i>managed object conformance statement</i>) |
| MRCS | Déclaration de conformité de relation gérée (<i>managed relationship conformance statement</i>) |

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5) *Remplacer le texte actuel de l'article 7 par le nouveau texte suivant:*

7 Conformité

Les instances réputées conformes à la présente Recommandation doivent satisfaire aux prescriptions de conformité définies dans les paragraphes qui suivent.

7.1 Prescriptions de conformité à la présente Recommandation

7.1.1 Conformité statique

L'instance doit être conforme aux conditions spécifiées dans la présente Recommandation pour le rôle de gestionnaire, le rôle d'agent ou pour ces deux rôles à la fois. Dans le cas d'une déclaration de conformité à, au moins, un de ces rôles, il convient d'utiliser le formulaire du Tableau E.1.

Dans le cas d'une déclaration de conformité privilégiant le rôle de gestionnaire, l'instance doit accepter au moins une opération, une notification ou une action de gestion des objets gérés spécifiés dans la présente Recommandation. Les prescriptions de conformité applicables à ces opérations, notifications et actions de gestion pour le rôle de gestionnaire sont indiquées dans le Tableau E.3 et dans les autres tableaux visés dans l'Annexe E.

Dans le cas d'une déclaration de conformité privilégiant le rôle d'agent, l'instance doit accepter une ou plusieurs occurrences des classes d'objets gérés sous-système de couche Liaison de données et point d'accès au service de couche Liaison de données définies dans le Tableau E.4 et dans les autres tableaux visés dans l'Annexe E.

Dans le cas d'une déclaration de conformité privilégiant le rôle d'agent, l'instance doit accepter au moins une des corrélations de noms indiquées dans le Tableau E.7 pour chaque objet géré pris en charge.

L'instance doit accepter la syntaxe de transfert découlant des règles de codage spécifiées dans la Recommandation X.209 du CCITT et de l'ISO/CEI 8825, à savoir la syntaxe dénommée {joint-iso-ccitt asn1(1) basicEncoding(1)}, pour les types de données abstraits visés dans les définitions qu'il est demandé d'accepter.

7.1.2 Conformité dynamique

Les instances réputées conformes à la présente Recommandation doivent accepter les éléments de procédure et les définitions de la sémantique correspondant aux définitions qu'il est demandé d'accepter.

7.1.3 Prescriptions applicables aux déclarations de conformité d'instances de gestion

Tout formulaire de récapitulatif MCS ou de déclaration MICS, MOCS ou MRCS conforme à la présente Recommandation doit être techniquement identique aux formulaires spécifiés dans les Annexes E, F, G et H (pour ce qui est de la numérotation des tableaux et de l'incidence numérique des rubriques, à l'exception de la pagination, des bas et des en-têtes de page).

Le fournisseur d'une instance réputée conforme à la présente Recommandation doit remplir en un exemplaire le récapitulatif de conformité de gestion (MCS) reproduit dans l'Annexe E dans le cadre des prescriptions de conformité, ainsi que tout autre formulaire de déclaration ICS visé, le cas échéant, dans ledit récapitulatif MCS. Tout récapitulatif MCS et toute déclaration MICS, MOCS ou MRCS conforme à la présente Recommandation doit:

- décrire une instance conforme à la présente Recommandation;
- avoir été rempli conformément aux instructions pertinentes figurant dans la Rec. UIT-T X.724 | ISO/CEI 10165-6;
- incorporer les informations propres à identifier distinctement le fournisseur et l'instance.

7.2 Prescriptions de conformité relevant spécifiquement des protocoles

Le fournisseur d'une instance réputée conforme à la présente Recommandation doit accepter au moins un des protocoles indiqués dans le Tableau E.2.

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7.2.1 Conformité à la Norme ISO 7776

Une instance réputée conforme à l'ISO/CEI 7776 doit, en tant qu'instance gérée jouant le rôle d'agent:

- a) être conforme à la Rec. UIT-T X.282 et ISO/CEI 10742, comme indiqué au 7.1;
- b) accepter l'objet géré 1APBDLE, l'objet géré sLPPM et l'objet géré sLPConnection.

7.2.2 Conformité à la commande de liaison logique LLC en mode sans connexion de la Norme ISO/CEI 8802-2

Une instance réputée conforme à la commande de liaison logique (LLC, *logical link control*) de l'ISO/CEI 8802-2 doit, en tant qu'instance gérée jouant le rôle d'agent:

- a) être conforme à la Rec. UIT-T X.282 et ISO/CEI 10742, comme indiqué au 7.1;
- b) accepter l'objet géré 1LCDLE et au moins une classe découlant de l'objet géré 1LCCLPM.

7.2.3 Conformité à la commande de liaison logique LLC en mode connexion de la Norme ISO/CEI 8802-2

Une instance réputée conforme à la commande de liaison logique (LLC) en mode connexion de l'ISO/CEI 8802-2 doit, en tant qu'instance gérée jouant le rôle d'agent:

- a) être conforme à la Rec. UIT-T X.282 et ISO/CEI 10742, comme indiqué au 7.1;
- b) accepter l'objet géré 1LCDLE et au moins une classe découlant de l'objet géré 1LCCOPM.

7.2.4 Conformité à la commande d'accès au support MAC de la Norme ISO 8802

Une instance réputée conforme à la commande d'accès au support (MAC, *medium access control*) de l'ISO 8802 doit, en tant qu'instance gérée jouant le rôle d'agent:

- a) être conforme à la Rec. UIT-T X.282 et ISO/CEI 10742, comme indiqué au 7.1 ci-dessus;
- b) accepter l'objet géré mACDLE et au moins une classe découlant de l'objet géré mAC.

6) Ajouter, après l'Annexe D, les Annexes E, F, G et H.

Annexe E¹⁾

Formulaire MCS

E.1 Introduction

E.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.

E.1.2 Instructions for completing the MCS proforma to produce an MCS²⁾

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

¹⁾ Droits de reproduction du formulaire MCS

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. UIT-T X.724 | ISO/CEI 10165-6.

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E.1.3 Symbols, abbreviations and terms

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

- Y Implemented
- N Not implemented
- No answer required
- Ig The item is ignored (i.e. processed syntactically but not semantically)

E.2 Identification of the implementation

E.2.1 Date of statement

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

Date of statement

E.2.2 Identification of the implementation

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

E.2.3 Contact

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

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E.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

E.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.

E.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.

E.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 E.1.

TABLE E.1

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 E.2.

TABLE E.2

Protocol

Index	Protocol supported	Status	Support	Additional information
1	ISO 7776 support	o.2		
2	ISO 8802-2 (CL mode) support	o.2		
3	ISO 8802-2 (CO mode) support	o.2		
4	ISO/IEC 8802 MAC support	c1		
c1: if E.2/2a or E.2/3a then m else –				

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

TABLE E.3

Manager role minimum conformance requirement

Index	Item	Status	Support	Additional information
1	Operations on managed objects	c1		
2	Attribute value change notification for EWMA metric monitor managed object	c1		
3	Object creation notification for EWMA metric monitor managed object	c1		
4	Object deletion notification for EWMA metric monitor managed object	c1		
5	Quality of Service alarm notification for EWMA metric monitor managed object	c1		
6	State change notification for EWMA metric monitor managed object	c1		
7	Object creation notification for LAPB data link entity managed object	c2		
8	Object deletion notification for LAPB data link entity managed object	c2		
9	State change notification for LAPB data link entity managed object	c2		
10	Object creation notification for LLC data link entity managed object	c3		
11	Object deletion notification for LLC data link entity managed object	c3		
12	State change notification for LLC data link entity managed object	c3		
13	Object creation notification for MAC data link entity managed object	c4		
14	Object deletion notification for MAC data link entity managed object	c4		
15	State change notification for MAC data link entity managed object	c4		
16	Deactivate action for SLP connection managed object	c2		
17	Communications alarm notification for SLP connection managed object	c2		
18	Object creation notification for SLP connection managed object	c2		
19	Object deletion notification for SLP connection managed object	c2		
20	Object creation notification for SLP connection IV managed object	c2		
21	Object deletion notification for SLP connection IV managed object	c2		
22	Activate action for SLP protocol machine managed object	c2		
23	Deactivate action for SLP protocol machine managed object	c2		
24	Object creation notification for SLP protocol managed object	c2		
25	Object deletion notification for SLP protocol managed object	c2		
26	State change notification for SLP protocol machine managed object	c2		
c1: if E.1/1a then o.3 else – c2: if E.1/1a and E.2/1a then o.3 else – c3: if E.1/1a and (E.2/2a or E.2/3a) then o.3 else – c4: if E.1/1a and E.2/4a then o.3 else –				

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

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TABLE E.4

Agent role minimum conformance requirement

Index	Item	Status	Support	Additional information
1	Data link subsystem managed object	m		
2	Data link service access point managed object	m		
3	LAPB data link entity managed object	c5		
4	LAPB single link protocol machine managed object	c5		
5	LAPB single link protocol connection managed object	c5		
6	LAPB single link protocol connection initial values managed object	c6		
7	MAC data link entity managed object	c7		
8	MAC managed object	c8		
9	LLC data link managed object	c9		
10	LLC connectionless protocol machine managed object	c10		
11	LLC connection-mode protocol machine managed object	c11		
c5: if E.1/2a and E.2/1a then m else – c6: if E.1/2a and E.2/1a then o else – c7: if E.1/2a and E.2/4a then m else – c8: if E.1/2a and E.2/4a then o else – c9: if E.1/2a and E.2/2a or G.2/3a then m else – c10: if E.1/2a and E.2/2a then o else – c11: if E.1/2a and E.2/3a then o else –				

TABLE E.5

Logging of event records

Index	Item	Status	Support	Additional information
1	Does the implementation support logging of event records in agent role?	c12		
c12: if E.1/2a then o else –				

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

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

In Tables E.6 to E.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.

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TABLE E.6

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	Additional information
1	"ISO/IEC 10742"	G.1 – G.4	dLSAP	–	m			
2	"ISO/IEC 10742"	G.5 – G.8	datalinkSubsystem	–	m			
3	"ISO/IEC 10742"	G.9 – G.14	eWMAMetricMonitor	–	o			
4	"ISO/IEC 10742"	G.15 – G.20	lAPBDLE	–	c13			
5	"ISO/IEC 10742"	G.21	lLCCLPM	–	c14			
6	"ISO/IEC 10742"	G.22	lLCCOPM	–	c15			
7	"ISO/IEC 10742"	G.23 – G.28	lLCDLE	–	c16			
8	"ISO/IEC 10742"	G.29	mAC	–	c17			
9	"ISO/IEC 10742"	G.30 – G.35	mACDLE	–	c18			
10	"ISO/IEC 10742"	G.36 – G.39	resourceTypeId	–	o			
11	"ISO/IEC 10742"	G.40 – G.47	sLPConnection	–	c19			
12	"ISO/IEC 10742"	G.48 – G.53	sLPConnectionIVMO	–	c20			
13	"ISO/IEC 10742"	G.54 – G.60	sLPPM	–	c21			
14	"ISO/IEC 10164-1"	Table C.1 – C.4	objectCreationRecord	–	c22			
15	"ISO/IEC 10164-1"	Table C.5 – C.8	objectDeletionRecord	–	c22			
16	"ISO/IEC 10164-1"	Table C.9 – C.12	attributeValueChangeRecord	–	c23			
17	"ISO/IEC 10164-2"	Table C.1 – C.4	stateChangeRecord	–	c24			
18	"ISO/IEC 10164-4"	Table C.1 – C.4	alarmRecord	–	c25			
c13: if E.4/3a then m else – c14: if E.4/10a then m else – c15: if E.4/11a then m else – c16: if E.4/9a then m else – c17: if E.4/8a then m else – c18: if E.4/7a then m else – c19: if E.4/5a then m else – c20: if E.4/6a then m else – c21: if E.4/4a then m else – c22: if E.6/4a or E.6/5a or E.6/6a or E.6/7a or E.6/8a or E.6/9a or E.6/11a or E.6/12a or E.6/13a then m else – c23: if E.6/4a then m else – c24: if E.6/4a or E.6/5a or E.6/6a or E.6/7a or E.6/8a or E.6/9a or E.6/13a then m else – c25: if E.6/4a or E.6/11a then m else –								

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TABLE E.7

MRCS support summary

Index	Identification of the document that includes the MRCS proforma	Table numbers of MOCS proforma	Description	Con-straints and values	Status	Support	Table numbers of MRCS	Additional information
1	"ISO/IEC 10742"	Table H.1/1	dLSAP-datalinkEntity-Management	–	o.4			
2	"ISO/IEC 10742"	Table H.1/2	"ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994": sap1-communicationsEntity	–	o.4			
3	"ISO/IEC 10742"	Table H.1/3	datalinkEntity-datalinkSubsystem-Management	–	o.5			
4	"ISO/IEC 10742"	Table H.1/4	"ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994": communicationsEntity-subsystem	–	o.5			
5	"ISO/IEC 10742"	Table H.1/5	"ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994": subsystem-system	–	m			
6	"ISO/IEC 10742"	Table H.1/6	eWMAMetricMonitor-ILCDLE-Management	–	c26			
7	"ISO/IEC 10742"	Table H.1/7	eWMAMetricMonitor-mACDLE-Management	–	c26			
8	"ISO/IEC 10742"	Table H.1/8	ILCCLPM-ILCDLE-Management	–	c27			
9	"ISO/IEC 10742"	Table H.1/9	"ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994": clProtocolMachine-entity	–	c27			
10	"ISO/IEC 10742"	Table H.1/10	ILCCOPM-ILCDLE-Management	–	c28			
11	"ISO/IEC 10742"	Table H.1/11	"ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994": coProtocolMachine-entity	–	c29			
12	"ISO/IEC 10742"	Table H.1/12	mAC-mACDLE-Automatic	–	c30			
13	"ISO/IEC 10742"	Table H.1/13	mAC-mACDLE-Management	–	c30			
14	"ISO/IEC 10742"	Table H.1/14	resourceTypeId-ILCDLE-Automatic	–	c31			
15	"ISO/IEC 10742"	Table H.1/15	resourceTypeId-mACDLE-Automatic	–	c31			
16	"ISO/IEC 10742"	Table H.1/16	sLPConnection-sLPPM-Automatic	–	c32			
17	"ISO/IEC 10742"	Table H.1/17	sLPConnection-sLPPM-Management	–	c32			
18	"ISO/IEC 10742"	Table H.1/18	"ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994": singlePeerConnection-coProtocolMachine	–	c32			
19	"ISO/IEC 10742"	Table H.1/19	sLPConnectionIVMO-sLPPM-Management	–	c33			
20	"ISO/IEC 10742"	Table H.1/20	sLPPM-IAPBDLE-Management	–	c34			
21	"ISO/IEC 10164-6"	Table D.1/1	logRecord-log	–	c35			
c26: if E.6/3a then o.6 else – c27: if E.6/4a then o.7 else – c28: if E.6/5a then o.9 else – c29: if E.6/6a then o.9, if E.6/13a then o.10, if E.6/6a and E.6/13a then o.9 and o.10 else – c30: if E.6/8a then o.11 else – c31: if E.6/10a then o.12 else – c32: if E.6/11a then o.13 else – c33: if E.6/12a then m else – c34: if E.6/13a then o.10 else – c35: if E.6/14a or E.6/15a or E.6/16a or E.6/17a or E.6/18a then m else –								

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TABLE E.8

MICS support summary

Index	Identification of the document that includes the MICS proforma	Table numbers of MICS proforma	Description	Con-straints and values	Status	Support	Table numbers of MICS	Addi-tional infor-mation
1	“ISO/IEC 10742”	Table F.1 to F.23	Management operations	–	c36			
2	“ISO/IEC 10742”	Table F.24	Notifications	–	c37			
3	“ISO/IEC 10742”	Table F.25	Actions	–	c38			
c36: if E.3/1a then m else – c37: if E.3/2a or E.3/3a or E.3/4a or E.3/5a or E.3/6a or E.3/7a or E.3/8a or E.3/9a or E.3/10a or E.3/11a or E.3/12a or E.3/13a or E.3/14a E.3/15 or E.3/17a or E.3/18a or E.3/19a or E.3/20a or E.3/21a or E.3/24a or E.3/25a or E.3/26a then m else – c38: if E.3/16a or E.3/22a or E.3/23a then m else –								

Annexe F³⁾

Formulaire MICS

F.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.

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

F.3 Symbols, abbreviations and terms

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

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

F.4 Statement of conformance to the management information

F.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 the following tables and complete them.

³⁾ **Droits de reproduction du formulaire MICS**

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.

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F.4.1.1 The Data Link Service Access Point managed object

TABLE F.1
dLSAP 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c1		o.14		–		–		–		–		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c1		o.14		–		–		–		–		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c1		o.14		–		–		–		–		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c1		o.14		–		–		–		–		
5	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: sap1Address	{2 9 3 5 7 8}	INTEGER	–		o.14		–		–		–		–		
6	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: sapId	{2 9 3 5 7 10}	GraphicString	c1		o.14		–		–		–		–		
7	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: userEntityNames	{2 9 3 5 7 15}	SET OF ObjectInstance	–		o.14		–		–		–		–		
c1: if F.17/1a then o.14 else –																

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F.4.1.2 The Data Link Subsystem managed object

TABLE F.2

datalinkSubsystem 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	–		o.14		–		–		–		–		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	–		o.14		–		–		–		–		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	–		o.14		–		–		–		–		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	–		o.14		–		–		–		–		
5	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: subsystemId	{2 9 3 5 7 11}	GraphicString	–		o.14		–		–		–		–		

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F.4.1.3 The EWMA Metric Monitor managed object

TABLE F.3

eWMAMetricMonitor Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set be create		Get		Replace		Add		Remove		Set to default		Additional information
				Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	Status	Support	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: administrativeState	{2 9 3 2 7 31}	ENUMERATED	o.14		o.14		o.14		–		–		–		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.14		o.14		–		–		–		–		
3	counterModulus	{1 2 840 10011 7 5}	INTEGER	–		o.14		o.14		–		–		–		
4	counterTMinusGP	{1 2 840 10011 7 4}	INTEGER	–		o.14		o.14		–		–		–		
5	derivedGauge	{1 2 840 10011 7 6}	CHOICE derivedGaugeNotCurrent	o.14		o.14		o.14		–		–		–		
6	estimateOfMean	{1 2 840 10011 7 7}	CHOICE	o.14		o.14		o.14		–		–		–		
7	granularityPeriod	{1 2 840 10011 7 8}	CHOICE	o.14		o.14		o.14		–		–		–		
8	movingTimePeriod	{1 2 840 10011 7 12}	CHOICE	o.14		o.14		o.14		–		–		–		
9	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.14		o.14		–		–		–		–		
10	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	o.14		o.14		–		–		–		–		
11	observedAttributeId	{1 2 840 10011 7 9}	AttributeId	o.14		o.14		o.14		–		–		–		
12	observedManagedObjectInstance	{1 2 840 10011 7 10}	ObjectInstance	o.14		o.14		o.14		–		–		–		
13	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.14		–		–		–		–		
14	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.14		o.14		–		–		–		–		
15	scannerId	{1 2 840 10011 7 3}	GraphicString	o.14		o.14		–		–		–		–		
16	severityIndicatingThreshold	{1 2 840 10011 7 11}	SET OF SEQUENCE	o.14		o.14		o.14		o.14		o.14		–		

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F.4.1.4 The LAPB Data Link Entity managed object

TABLE F.4

IAPBDLE 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c2		o.14		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c2		o.14		–		–		–		–		
3	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: localSapNames	{2 9 3 5 7 6}	SET OF ObjectInstance	–		o.14		–		–		–		–		
4	mT1Timer	{2 15 0 7 12}	SEQUENCE	c2		o.14		o.14		–		–		o.14		
5	mT2Timer	{2 15 0 7 13}	SEQUENCE	c2		o.14		o.14		–		–		o.14		
6	mT3Timer	{2 15 0 7 14}	SEQUENCE	c2		o.14		o.14		–		–		o.14		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c2		o.14		–		–		–		–		
8	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c2		o.14		–		–		–		–		
9	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.14		–		–		–		–		
10	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c2		o.14		–		–		–		–		
11	providerEntityNames	{2 15 0 7 11}	SET OF ObjectInstance	c2		o.14		o.14		–		–		o.14		
c2: if F.19/1a then o.14 else –																

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F.4.1.5 The LLC Data Link Entity managed object

TABLE F.5
ILCDLE 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c3		o.14		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c3		o.14		–		–		–		–		
3	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: localSapNames	{2 9 3 5 7 6}	SET OF ObjectInstance	–		o.14		–		–		–		–		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c3		o.14		–		–		–		–		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c3		o.14		–		–		–		–		
6	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.14		–		–		–		–		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c3		o.14		–		–		–		–		
8	providerEntityNames	{2 15 0 7 11}	SET OF ObjectInstance	c3		o.14		o.14		–		–		o.14		
c3: if F.20/1a then o.14 else –																

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F.4.1.6 The MAC Data Link Entity managed object

TABLE F.6

mACDLE 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c4		o.14		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c4		o.14		–		–		–		–		
3	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: localSapNames	{2 9 3 5 7 6}	SET OF ObjectInstance	–		o.14		–		–		–		–		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c4		o.14		–		–		–		–		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c4		o.14		–		–		–		–		
6	“CITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.14		–		–		–		–		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c4		o.14		–		–		–		–		
8	providerEntityNames	{2 15 0 7 11}	SET OF ObjectInstance	c4		o.14		o.14		–		–		o.14		
c4: if F.21/1a then o.14 else –																

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F.4.1.7 The Resource TypeId managed object

TABLE F.7
resourceTypeId 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	–		o.14		–		–		–		–		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	–		o.14		–		–		–		–		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	–		o.14		–		–		–		–		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	–		o.14		–		–		–		–		
5	resourceInfo	{1 2 840 10011 7 2}	SEQUENCE	–		o.14		–		–		–		–		
6	resourceTypeIdName	{1 2 840 10011 7 1}	GraphicString	–		o.14		–		–		–		–		

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F.4.1.8 The LAPB Single Link Protocol Connection managed object

TABLE F.8

sLPCConnection 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	–		o.14		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: connectionId	{2 9 3 5 7 1}	GraphicString	–		o.14		–		–		–		–		
3	fCSErrorsReceived	{2 15 0 7 15}	INTEGER	–		o.14		–		–		–		–		
4	fRMRsReceived	{2 15 0 7 1}	INTEGER	–		o.14		–		–		–		–		
5	fRMRsSent	{2 15 0 7 2}	INTEGER	–		o.14		–		–		–		–		
6	iFrameDataOctetsReceived	{2 15 0 7 16}	INTEGER	–		o.14		–		–		–		–		
7	iFrameDataOctetsSent	{2 15 0 7 17}	INTEGER	–		o.14		–		–		–		–		
8	iFramesReceived	{2 15 0 7 3}	INTEGER	–		o.14		–		–		–		–		
9	iFramesSent	{2 15 0 7 4}	INTEGER	–		o.14		–		–		–		–		
10	interfaceType	{2 15 0 7 18}	ENUMERATED	–		o.14		o.14		–		–		o.14		
11	k	{2 15 0 7 19}	CHOICE	–		o.14		o.14		–		–		o.14		
12	n1	{2 15 0 7 20}	INTEGER	–		o.14		o.14		–		–		o.14		
13	n2	{2 15 0 7 21}	INTEGER	–		o.14		o.14		–		–		o.14		
14	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	–		o.14		–		–		–		–		
15	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	–		o.14		–		–		–		–		
16	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	–		o.14		–		–		–		–		
17	pollsReceived	{2 15 0 7 22}	INTEGER	–		o.14		–		–		–		–		
18	rEJsReceived	{2 15 0 7 5}	INTEGER	–		o.14		–		–		–		–		
19	rEJsSent	{2 15 0 7 6}	INTEGER	–		o.14		–		–		–		–		
20	rNRsReceived	{2 15 0 7 7}	INTEGER	–		o.14		–		–		–		–		
21	rNRsSent	{2 15 0 7 8}	INTEGER	–		o.14		–		–		–		–		
22	sABMsReceived	{2 15 0 7 9}	INTEGER	–		o.14		–		–		–		–		
23	sABMsSent	{2 15 0 7 10}	INTEGER	–		o.14		–		–		–		–		
24	sLPProtocolState	{2 15 0 7 23}	ENUMERATED	–		o.14		–		–		–		–		

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TABLE F.8 (concluded)

sLPConnection 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	
25	sequenceModulus	{2 15 0 7 24}	INTEGER	–		o.14		o.14		–		–		o.14		
26	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: supportedConnectionNames	{2 9 3 5 7 12}	SET OF ObjectInstance	–		o.14		–		–		–		–		
27	t1Timer	{2 15 0 7 25}	SEQUENCE	–		o.14		o.14		–		–		o.14		
28	t2Timer	{2 15 0 7 26}	SEQUENCE	–		o.14		o.14		–		–		o.14		
29	t3Timer	{2 15 0 7 27}	SEQUENCE	–		o.14		o.14		–		–		o.14		
30	t4Timer	{2 15 0 7 28}	SEQUENCE	–		o.14		o.14		–		–		o.14		
31	timesT1Expired	{2 15 0 7 29}	INTEGER	–		o.14		–		–		–		–		
32	timesT3Expired	{2 15 0 7 30}	INTEGER	–		o.14		o.14		–		–		o.14		
33	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: underlyingConnectionNames	{2 9 3 5 7 14}	SET OF ObjectInstance	–		o.14		–		–		–		–		

Remplacée par une version plus récente

F.4.1.9 The LAPB Single Link Protocol Connection Initial Values managed object

TABLE F.9

sLPConnectionIVMO 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	o.14		o.14		–		–		–		–		
2	interfaceType	{2 15 0 7 18}	ENUMERATED	o.14		o.14		o.14		–		–		o.14		
3	k	{2 15 0 7 19}	CHOICE	o.14		o.14		o.14		–		–		o.14		
4	n1	{2 15 0 7 20}	INTEGER	o.14		o.14		o.14		–		–		o.14		
5	n2	{2 15 0 7 21}	INTEGER	o.14		o.14		o.14		–		–		o.14		
6	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o.14		o.14		–		–		–		–		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	o.14		o.14		–		–		–		–		
8	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o.14		o.14		–		–		–		–		
9	sLPConnectionIVMOId	{2 15 0 7 31}	GraphicString	o.14		o.14		–		–		–		–		
10	sequenceModulus	{2 15 0 7 24}	INTEGER	o.14		o.14		o.14		–		–		o.14		
11	t1Timer	{2 15 0 7 25}	SEQUENCE	o.14		o.14		o.14		–		–		o.14		
12	t2Timer	{2 15 0 7 26}	SEQUENCE	o.14		o.14		o.14		–		–		o.14		
13	t3Timer	{2 15 0 7 27}	SEQUENCE	o.14		o.14		o.14		–		–		o.14		
14	t4Timer	{2 15 0 7 28}	SEQUENCE	o.14		o.14		o.14		–		–		o.14		

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F.4.1.10 The LAPB Single Link Protocol Machine managed object

TABLE F.10

sLPPM 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c5		o.14		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: coProtocolMachineId	{2 9 3 5 7 3}	GraphicString	c5		o.14		–		–		–		–		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c5		o.14		–		–		–		–		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c5		o.14		–		–		–		–		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o.14		–		–		–		–		
6	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c5		o.14		–		–		–		–		
c5: if F.23/1a then o.14 else –																

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F.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 the following tables and complete them.

F.4.2.1 The LAPB Data Link Entity managed object

TABLE F.11

IAPBDLE Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
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”: operationalState	o.14		–		
2	timers	{2 15 0 8 1}	mT1Timer mT2Timer mT3Timer	o.14		o.14		

F.4.2.2 The LLC Data Link Entity managed object

TABLE F.12

ILCDLE Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
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”: operationalState	o.14		–		

F.4.2.3 The MAC Data Link Entity managed object

TABLE F.13

mACDLE Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
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”: operationalState	o.14		–		

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F.4.2.4 The LAPB Single Link Protocol Connection managed object

TABLE F.14

sLPConnection Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
1	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: counters	{2 9 3 5 8 0}	fCSErrorsReceived fRMRsReceived fRMRsSent iFrameDataOctetsReceived iFrameDataOctetsSent iFramesReceived iFramesSent pollsReceived rEJsReceived rEJsSent rNRsReceived rNRsSent sABMsReceived sABMsSent timesT1Expired timerT3Expired (condition)	o.14		—		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: state	{2 9 3 2 8 1}	sLPProtocolState	o.14		—		
3	timers	{2 15 0 8 1}	t1Timer t2Timer t4Timer t3Timer (condition)	o.14		o.14		

F.4.2.5 The LAPB Single Link Protocol Connection Initial Values managed object

TABLE F.15

sLPConnectionIVMO Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
1	timers	{2 15 0 8 1}	t1Timer t2Timer t4Timer t3Timer (condition)	o.14		o.14		

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F.4.2.6 The LAPB Single Link Protocol Machine managed object

TABLE F.16

sLPPM Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
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”: operationalState	o.14		–		

F.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 the following tables and complete them.

F.4.3.1 The Data Link Service Access Point managed object

TABLE F.17

Create and delete support

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

F.4.3.2 The EWMA Metric Monitor managed object

TABLE F.18

Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	eWMAMetricMonitor MO	o.14		
1.1	Create with reference object	–	–		
2	Delete support	eWMAMetricMonitor MO	o.14		

F.4.3.3 The LAPB Data Link Entity managed object

TABLE F.19

Create and delete support

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

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F.4.3.4 The LLC Data Link Entity managed object

TABLE F.20

Create and delete support

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

F.4.3.5 The MAC Data Link Entity managed object

TABLE F.21

Create and delete support

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

F.4.3.6 The LAPB Single Link Protocol Connection Initial Values managed object

TABLE F.22

Create and delete support

Index	Operation	Constraints and values	Status	Support	Additional information
1	Create support	sLPConnectionIVMO	o.14		
1.1	Create with reference object	–	–		
2	Delete support	sLPConnectionIVMO	o.14		

F.4.3.7 The LAPB Single Link Protocol Machine managed object

TABLE F.23

Create and delete support

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

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F.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 F.24 and complete it.

TABLE F.24
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”: attributeValueChange	{2 9 3 2 10 1}	–	c6				1.1	AttributeValueChangeInfo	–	Information Syntax SEQUENCE	c6		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:m		
								1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	c:m		
								1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	c:m		
								1.1.3.1	attributeID	–	AttributeId	c:m		
								1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:m		
								1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.5.2	sourceObjectInst	–	ObjectInstance	c:m		
								1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	c:m		
								1.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								1.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.7.2	significance	–	BOOLEAN	c:m		
								1.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

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TABLE F.24 (continued)

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	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectCreation	{2 9 3 2 10 6}	–	c7				2.1	ObjectInfo	–	Information Syntax SEQUENCE	c7		
								2.1.1	sourceIndicator	{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	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:m		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								2.1.4.2	sourceObjectInst	–	ObjectInstance	c:m		
								2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	c:m		
								2.1.6	additionalInformation	{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		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectDeletion	{2 9 3 2 10 7}	–	c8				3.1	ObjectInfo	–	Information Syntax SEQUENCE	c8		
								3.1.1	sourceIndicator	{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	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:m		
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.4.2	sourceObjectInst	–	ObjectInstance	c:m		
								3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	c:m		

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TABLE F.24 (continued)

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								
			–	c9				3.1.6	additionalInformation	{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		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: qualityofServiceAlarm	{2 9 3 2 10 11}	–	c9				4.1	AlarmInfo	–	Information Syntax SEQUENCE	c9		
								4.1.1	probableCause	{2 9 3 2 7 18}	CHOICE	c:m		
								4.1.1.1	globalValue	–	OBJECT IDENTIFIER	c:m		
								4.1.1.2	localValue	–	INTEGER	c:m		
								4.1.2	specificProblems	{2 9 3 2 7 27}	SET OF CHOICE	c:m		
								4.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:m		
								4.1.2.2	INTEGER	–	INTEGER	c:m		
								4.1.3	perceivedSeverity	{2 9 3 2 7 17}	ENUMERATED	c:m		
								4.1.4	backedUpStatus	{2 9 3 2 7 11}	BOOLEAN	c:m		
								4.1.5	backUpObject	{2 9 3 2 7 40}	ObjectInstance	c:m		
								4.1.6	trendIndication	{2 9 3 2 7 30}	ENUMERATED	c:m		
								4.1.7	thresholdInfo	{2 9 3 2 7 29}	SEQUENCE	c:m		
								4.1.7.1	triggeredThreshold	–	AttributeId	c:m		
								4.1.7.2	observedValue	–	CHOICE	c:m		
								4.1.7.2.1	integer	–	INTEGER	c:m		
								4.1.7.2.2	real	–	REAL	c:m		
								4.1.7.3	thresholdLevel	–	CHOICE	c:m		
								4.1.7.3.1	up	–	SEQUENCE	c:m		
								4.1.7.3.1.1	high	–	CHOICE	c:m		
								4.1.7.3.1.1.1	integer	–	INTEGER	c:m		
								4.1.7.3.1.1.2	real	–	REAL	c:m		

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TABLE F.24 (continued)

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								
								4.1.7.3.1.2	low	–	CHOICE	c:m		
								4.1.7.3.1.2.1	integer	–	INTEGER	c:m		
								4.1.7.3.1.2.2	real	–	REAL	c:m		
								4.1.7.3.2	down	–	SEQUENCE	c:m		
								4.1.7.3.2.1	high	–	CHOICE	c:m		
								4.1.7.3.2.1.1	integer	–	INTEGER	c:m		
								4.1.7.3.2.1.2	real	–	REAL	c:m		
								4.1.7.3.2.2	low	–	CHOICE	c:m		
								4.1.7.3.2.2.1	integer	–	INTEGER	c:m		
								4.1.7.3.2.2.2	real	–	REAL	c:m		
								4.1.7.4	armTime	–	GeneralizedTime	c:m		
								4.1.8	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:m		
								4.1.9	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								4.1.9.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								4.1.9.2	sourceObjectInst	–	ObjectInstance	c:m		
								4.1.10	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
								4.1.10.1	attributeID	–	AttributeId	c:m		
								4.1.10.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								4.1.10.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								4.1.11	monitoredAttributes	{2 9 3 2 7 15}	SET OF Attribute	c:m		
								4.1.12	proposedRepairActions	{2 9 3 2 7 19}	SET OF CHOICE	c:m		
								4.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:m		
								4.1.12.2	INTEGER	–	INTEGER	c:m		
								4.1.13	additionalText	{2 9 3 2 7 7}	GraphicString	c:m		

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TABLE F.24 (continued)

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								
								4.1.14	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								4.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								4.1.14.2	significance	–	BOOLEAN	c:m		
								4.1.14.3	information	–	ANY DEFINED BY identifier	c:m		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: communicationsAlarm	{2 9 3 2 10 2}	–	c10				5.1	AlarmInfo	–	Information Syntax SEQUENCE	c10		
								5.1.1	probableCause	{2 9 3 2 7 18}	CHOICE	c:m		
								5.1.1.1	globalValue	–	OBJECT IDENTIFIER	c:m		
								5.1.1.2	localValue	–	INTEGER	c:m		
								5.1.2	specificProblems	{2 9 3 2 7 27}	SET OF CHOICE	c:m		
								5.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:m		
								5.1.2.2	INTEGER	–	INTEGER	c:m		
								5.1.3	perceivedSeverity	{2 9 3 2 7 17}	ENUMERATED	c:m		
								5.1.4	backedUpStatus	{2 9 3 2 7 11}	BOOLEAN	c:m		
								5.1.5	backUpObject	{2 9 3 2 7 40}	ObjectInstance	c:m		
								5.1.6	trendIndication	{2 9 3 2 7 30}	ENUMERATED	c:m		
								5.1.7	thresholdInfo	{2 9 3 2 7 29}	SEQUENCE	c:m		
								5.1.7.1	triggeredThreshold	–	AttributeId	c:m		
								5.1.7.2	observedValue	–	CHOICE	c:m		
								5.1.7.2.1	integer	–	INTEGER	c:m		
								5.1.7.2.2	real	–	REAL	c:m		
								5.1.7.3	thresholdLevel	–	CHOICE	c:m		
								5.1.7.3.1	up	–	SEQUENCE	c:m		
								5.1.7.3.1.1	high	–	CHOICE	c:m		
								5.1.7.3.1.1.1	integer	–	INTEGER	c:m		
								5.1.7.3.1.1.2	real	–	REAL	c:m		

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TABLE F.24 (continued)

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								
								5.1.7.3.1.2	low	–	CHOICE	c:m		
								5.1.7.3.1.2.1	integer	–	INTEGER	c:m		
								5.1.7.3.1.2.2	real	–	REAL	c:m		
								5.1.7.3.2	down	–	SEQUENCE	c:m		
								5.1.7.3.2.1	high	–	CHOICE	c:m		
								5.1.7.3.2.1.1	integer	–	INTEGER	c:m		
								5.1.7.3.2.1.2	real	–	REAL	c:m		
								5.1.7.3.2.2	low	–	CHOICE	c:m		
								5.1.7.3.2.2.1	integer	–	INTEGER	c:m		
								5.1.7.3.2.2.2	real	–	REAL	c:m		
								5.1.7.4	armTime	–	GeneralizedTime	c:m		
								5.1.8	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:m		
								5.1.9	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								5.1.9.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								5.1.9.2	sourceObjectInst	–	ObjectInstance	c:m		
								5.1.10	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
								5.1.10.1	attributeID	–	AttributeId	c:m		
								5.1.10.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								5.1.10.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								5.1.11	monitoredAttributes	{2 9 3 2 7 15}	SET OF Attribute	c:m		
								5.1.12	proposedRepairActions	{2 9 3 2 7 19}	SET OF CHOICE	c:m		
								5.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:m		
								5.1.12.2	INTEGER	–	INTEGER	c:m		
								5.1.13	additionalText	{2 9 3 2 7 7}	GraphicString	c:m		

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TABLE F.24 (continued)

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								
			–	c11				5.1.14	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								5.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								5.1.14.2	significance	–	BOOLEAN	c:m		
								5.1.14.3	information	–	ANY DEFINED BY identifier	c:m		
6	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: stateChange	{2 9 3 2 10 14}	–	c11				6.1	StateChangeInfo	–	Information Syntax SEQUENCE	c11		
								6.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:m		
								6.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	c:m		
								6.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
								6.1.3.1	attributeID	–	AttributeId	c:m		
								6.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								6.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								6.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:m		
								6.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:m		
								6.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								6.1.5.2	sourceObjectInst	–	ObjectInstance	c:m		
								6.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	c:m		

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TABLE F.24 (concluded)

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
								6.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:m		
								6.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								6.1.7.2	significance	–	BOOLEAN	c:m		
								6.1.7.3	information	–	ANY DEFINED BY identifier	c:m		
c6: if E.3/2a then m else – c7: if E.3/3a or E.3/7a or E.3/10a or E.3/13a or E.3/18a or E.3/20a or E.3/24a then m else – c8: if E.3/4a or E.3/8a or E.3/11a or E.3/14a or E.3/19a or E.3/21a or E.3/25a then m else – c9: if E.3/5a then m else – c10: if E.3/17a then m else – c11: if E.3/6a or E.3/9a or E.3/12a or E.3/15a or E.3/26a then m else –														

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F.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 F.25 and complete it.

TABLE F.25

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}		c12			1.1	ActionInfo	Information Syntax SET OF SEQUENCE	c12		
							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}		c13			2.1	ActionInfo	Information Syntax SET OF SEQUENCE	c13		
							2.1.1	identifier	OBJECT IDENTIFIER	c:m		
							2.1.2	significance	BOOLEAN	c:o		
							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		
c12: if E.3/22a then m else – c13: if E.3/16a or E.3/23 then m else –												

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F.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 F.26 and complete it.

TABLE F.26
Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	derivedGaugeNotCurrent	{1 2 840 10011 5 0}	SPECIFIC-ERROR DerivedGauge	c14		
2	fRMR	{2 15 0 5 1}	EVENT-INFO communicationsAlarm	c15		
c14: if F.3/5a or F.3/5b or F.3/5c then m else – c15: if F.17/5a then m else –						

Annexe G⁴⁾

Formulaire MOCS

G.1 Introduction

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

G.1.1 Instructions for completing the MOCS proforma to produce a MOCS⁵⁾

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.

G.1.2 Symbols, abbreviations and terms

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

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

⁴⁾ Droits de reproduction du formulaire MOCS

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/CEI 10165-6.

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G.2 The Data Link Service Access Point managed object

G.2.1 Statement of conformance to the managed object class

TABLE G.1

dLSAP 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	dLSAP	{2 15 0 3 13}		

If the answer to the actual class question in Table G.1 is no, the supplier of the implementation shall fill in the actual class support Table G.2.

TABLE G.2

dLSAP 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

G.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 G.3.

TABLE G.3

dLSAP 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”:	{2 9 3 2 4 17}	“if an object supports allomorphism”	c1		
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”	c2		
3	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: sap1P1		Mandatory	m		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c1: if G.1/1b then – else m c2: if G.3/1a then m else –						

G.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 G.4. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.4

dLSAP 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c3		c4		–		–		–		–		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c5		m		x		–		–		x		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c6		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	c7		c8		c9		c9		c9		c9		
5	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: sap1Address	{2 9 3 5 7 8}	INTEGER	c10		m		c10		–		–		c10		
6	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: sapId	{2 9 3 5 7 10}	GraphicString	c5		m		x		–		–		x		
7	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: userEntityNames	{2 9 3 5 7 15}	SET OF ObjectInstance	c10		m		c11		c11		c11		c11		
c3: if G.3/1a then (if H.1/1a then o else x) else – c4: if G.3/1a then m else – c5: if H.1/1a then o else x c6: if H.1/1a then m else – c7: if G.3/2a then (if H.1/1a then o else x) else – c8: if G.3/2a then m else – c9: if G.3/2a then x else – c10: if G.1/1b or H.1/2a then x else – c11: if G.1/1b then x else –																

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G.3 The Data Link Subsystem managed object

G.3.1 Statement of conformance to the managed object class

TABLE G.5

datalinkSubsystem 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	datalinkSubsystem	{2 15 0 3 1}		

If the answer to the actual class question in Table G.5 is no, the supplier of the implementation shall fill in the actual class support Table G.6.

TABLE G.6

datalinkSubsystem 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

G.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 G.7.

TABLE G.7

datalinkSubsystem 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”:	{2 9 3 2 4 17}	“if an object supports allomorhism”	c12		
2	datalinkSubsystem-P		Mandatory	m		
3	“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”	c13		
4	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: subsystemP1		Mandatory	m		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c12: if G.5/1b then – else m c13: if G.7/1a then m else –						

G.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 G.8. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.8

datalinkSubsystem 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c14		c15		–		–		–		–		
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	c16		c17		c16		c16		c16		c16		
5	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: subsystemId	{2 9 3 5 7 11}	GraphicString	x		m		x		–		–		x		
c14: if G.7/1a then x else – c15: if G.7/1a then m else – c16: if G.7/3a then x else – c17: if G.7/3a then m else –																

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G.4 The EWMA Metric Monitor managed object

G.4.1 Statement of conformance to the managed object class

TABLE G.9

eWMAMetricMonitor 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	eWMAMetricMonitor	{1 2 840 10011 3 2}		

If the answer to the actual class question in Table G.9 is no, the supplier of the implementation shall fill in the actual class support Table G.10.

TABLE G.10

eWMAMetricMonitor 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

Remplacée par une version plus récente

G.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 G.11.

TABLE G.11

eWMAMetricMonitor 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c18		
2	configurationEventsReporting-P	{1 2 840 10011 4 1}	“configuration event reporting is supported.”	o		
3	counterDifference-P	{1 2 840 10011 4 0}	“counter to gauge conversion is requested”	o		
4	counterOverflow-P	{1 2 840 10011 4 2}	“the counterDifference-P package is present and module arithmetic is required to calculate the new value of the derived gauge on counter overflow”	c19		
5	eWMAMetricMonitor-P		Mandatory	m		
6	“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”	c20		
7	scanner-P		Mandatory	m		
8	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c18: if G.9/1b then – else m c19: if G.11/3a then o else – c20: if G.11/1a or G.11/2a or G.11/3a or G.11/4a then m else –						

G.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 G.12. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.12

eWMAMetricMonitor 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: administrativeState	{2 9 3 2 7 31}	ENUMERATED	m		m		m		–		–		c21		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c22		c23		–		–		–		–		
3	counterModulus	{1 2 840 10011 7 5}	INTEGER	c24		c24		c24		–		–		c21		
4	counterTMinusGP	{1 2 840 10011 7 4}	INTEGER	c25		c25		c25		–		–		c21		
5	derivedGauge	{1 2 840 10011 7 6}	CHOICE derivedGaugeNotCurrent	m		m		m		–		–		c21		
6	estimateOfMean	{1 2 840 10011 7 7}	CHOICE	m		m		m		–		–		c21		
7	granularityPeriod	{1 2 840 10011 7 8}	CHOICE	m		m		m		–		–		c21		
8	movingTimePeriod	{1 2 840 10011 7 12}	CHOICE	m		m		m		–		–		c21		
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	observedAttributeId	{1 2 840 10011 7 9}	AttributeId	m		m		m		–		–		c21		
12	observedManagedObjectInstance	{1 2 840 10011 7 10}	ObjectInstance	m		m		m		–		–		c21		
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	c26		c27		c28		c28		c28		c28		
15	scannerId	{1 2 840 10011 7 3}	GraphicString	o		m		x		–		–		x		
16	severityIndicatingThreshold	{1 2 840 10011 7 11}	SET OF SEQUENCE	m		m		m		m		m		c21		

c21: if G.9/1b then x else –

c22: if G.11/1a then o else –

c23: if G.11/1a then m else –

c24: if G.11/4a then m else –

c25: if G.11/3a then m else –

c26: if G.11/6a then o else –

c27: if G.11/6a then m else –

c28: if G.11/6a then x else –

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G.4.4 Notifications

TABLE G.13

eWMAMetricMonitor 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”: attributeValueChange	{2 9 3 2 10 1}	–	c29				1.1	AttributeVa lueChangeInfo	–	Information Syntax SEQUENCE	c29		
								1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:o		
								1.1.2	attributeIdenti fierList	{2 9 3 2 7 8}	SET OF AttributeId	c:o		
								1.1.3	attributeValueCh angeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	c:m		
								1.1.3.1	attributeID	–	AttributeId	c:m		
								1.1.3.2	oldAttributeVa lue	–	ANY DEFINED BY attributeID	c:o		
								1.1.3.3	newAttribu teValue	–	ANY DEFINED BY attributeID	c:m		
								1.1.4	notificationIdenti fier	{2 9 3 2 7 16}	INTEGER	c:o		
								1.1.5	correlatedNotifi cations	{2 9 3 2 7 12}	SET OF SEQUENCE	c:o		
								1.1.5.1	correlatedNotifi cations	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								1.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		
								1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
								1.1.7	additionalInfor mation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:o		
								1.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m		
								1.1.7.2	significance	–	BOOLEAN	c:o		
								1.1.7.3	information	–	ANY DEFINED BY identifier	c:m		

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TABLE G.13 (continued)

eWMAMetricMonitor 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	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectCreation	{2 9 3 2 10 6}	–	c29				2.1	ObjectInfo	–	Information Syntax SEQUENCE	c29		
								2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:o		
								2.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	c:o		
								2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
								2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c: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	c:o		
								2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c: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}	–	c29				3.1	ObjectInfo	–	Information Syntax SEQUENCE	c29		
								3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:o		
								3.1.2	attributeList	{2 9 3 2 7 9}	SET OF Attribute	c:o		
								3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
								3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c: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	c:o		

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TABLE G.13 (continued)

eWMAMetricMonitor 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								
								3.1.6	additionalInfor- mation	{2 9 3 2 7 6}	SET OF SEQUENCE	c: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”: qualityof Servi- ceAlarm	{2 9 3 2 10 11}	–	m				4.1	AlarmInfo	–	Information Syntax SEQUENCE	m		
								4.1.1	probableCause	{2 9 3 2 7 18}	CHOICE	m		
								4.1.1.1	globalValue	–	OBJECT IDENTIFIER	o.1		
								4.1.1.2	localValue	–	INTEGER	o.1		
								4.1.2	specificProblems	{2 9 3 2 7 27}	SET OF CHOICE	o		
								4.1.2.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.2		
								4.1.2.2	INTEGER	–	INTEGER	c:o.2		
								4.1.3	perceivedSeve- rity	{2 9 3 2 7 17}	ENUMERATED	m		
								4.1.4	backedUpStatus	{2 9 3 2 7 11}	BOOLEAN	o		
								4.1.5	backUpObject	{2 9 3 2 7 40}	ObjectInstance	o		
								4.1.6	trendIndication	{2 9 3 2 7 30}	ENUMERATED	o		
								4.1.7	thresholdInfo	{2 9 3 2 7 29}	SEQUENCE	o		
								4.1.7.1	triggeredThresho- ld	–	AttributeId	c:m		
								4.1.7.2	observedValue	–	CHOICE	c:m		
								4.1.7.2.1	integer	–	INTEGER	c:o.3		
								4.1.7.2.2	real	–	REAL	c:o.3		
								4.1.7.3	thresholdLevel	–	CHOICE	c:o		
								4.1.7.3.1	up	–	SEQUENCE	c:o.4		
								4.1.7.3.1.1	high	–	CHOICE	c:m		
								4.1.7.3.1.1.1	integer	–	INTEGER	c:o.5		
								4.1.7.3.1.1.2	real	–	REAL	c:o.5		

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TABLE G.13 (continued)

eWMAMetricMonitor 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								
								4.1.7.3.1.2	low	–	CHOICE	c:o		
								4.1.7.3.1.2.1	integer	–	INTEGER	c:o.6		
								4.1.7.3.1.2.2	real	–	REAL	c:o.6		
								4.1.7.3.2	down	–	SEQUENCE	c:o.4		
								4.1.7.3.2.1	high	–	CHOICE	c:m		
								4.1.7.3.2.1.1	integer	–	INTEGER	c:o.7		
								4.1.7.3.2.1.2	real	–	REAL	c:o.7		
								4.1.7.3.2.2	low	–	CHOICE	c:m		
								4.1.7.3.2.2.1	integer	–	INTEGER	c:o.8		
								4.1.7.3.2.2.2	real	–	REAL	c:o.8		
								4.1.7.4	armTime	–	GeneralizedTime	c:o		
								4.1.8	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
								4.1.9	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								4.1.9.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								4.1.9.2	sourceObjectInst	–	ObjectInstance	c:o		
								4.1.10	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	o		
								4.1.10.1	attributeID	–	AttributeId	c:m		
								4.1.10.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
								4.1.10.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								4.1.11	monitoredAttributes	{2 9 3 2 7 15}	SET OF Attribute	o		
								4.1.12	proposedRepairActions	{2 9 3 2 7 19}	SET OF CHOICE	o		
								4.1.12.1	OBJECT IDENTIFIER	–	OBJECT IDENTIFIER	c:o.9		
								4.1.12.2	INTEGER	–	INTEGER	c:o.9		
								4.1.13	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								4.1.14	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		

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TABLE G.13 (concluded)

eWMAMetricMonitor 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
								4.1.14.1	identifier	–	OBJECT IDENTIFIER	c:m		
								4.1.14.2	significance	–	BOOLEAN	c:o		
								4.1.14.3	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}	–	c29				5.1	StateChangeInfo	–	Information Syntax SEQUENCE	c29		
								5.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:o		
								5.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF AttributeId	c:o		
								5.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
								5.1.3.1	attributeID	–	AttributeId	c:m		
								5.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
								5.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
								5.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
								5.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c: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	c:o		
								5.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c: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		
c29: if G.11/2a then m else –														

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G.4.5 Parameter

TABLE G.14

eWMAMetricMonitor Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	derivedGaugeNotCurrent	{1 2 840 10011 5 0}	SPECIFIC-ERROR DerivedGauge	m		

G.5 The LAPB Data Link Entity managed object

G.5.1 Statement of conformance to the managed object class

TABLE G.15

IAPBDLE 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	IAPBDLE	{2 15 0 3 3}		

If the answer to the actual class question in Table G.15 is no, the supplier of the implementation shall fill in the actual class support Table G.16.

TABLE G.16

IAPBDLE 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

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G.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 G.17.

TABLE G.17
IAPBDLE 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c30		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityP1		Mandatory	m		
3	datalinkEntity-P		Mandatory	m		
4	mLP-P	{2 15 0 4 1}	“IAPBDLE supports mlp procedures”	o		
5	mT2-P	{2 15 0 4 5}	“IAPBDLE supports mlp procedures and mT2 timer.”	o		
6	“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”	c31		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c30: if G.15/1b then – else m						
c31: if G.17/1a or G.17/4a or G.17/5a then m else –						

G.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 G.18. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.18

IAPBDLE 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c32		c33		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c34		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	c35		m		c36		c36		c36		c36		
4	mT1Timer	{2 15 0 7 12}	SEQUENCE	c37		c38		c38		–		–		c38		
5	mT2Timer	{2 15 0 7 13}	SEQUENCE	c39		c40		c40		–		–		c40		
6	mT3Timer	{2 15 0 7 14}	SEQUENCE	c37		c38		c38		–		–		c38		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c34		m		x		–		–		x		
8	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c41		m		x		–		–		x		
9	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	x		m		x		–		–		x		

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TABLE G.18 (concluded)

IAPBDLE 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	
10	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c42		c43		c44		c44		c44		c44		
11	providerEntityNames	{2 15 0 7 11}	SET OF ObjectInstance	c41		m		m		–		–		m		
c32: if G.17/1a then (if H.1/3a then o else x) else – c33: if G.17/1a then m else – c34: if H.1/3a then o else x c35: if G.15/1b or H.1/4a then x else – c36: if G.15/1b then x else – c37: if G.17/4a then (if H.1/3a then m else x) else – c38: if G.17/4a then m else – c39: if G.17/5a then (if H.1/3a then m else then x) else – c40: if G.17/5a then m else – c41: if H.1/3a then m else x c42: if G.17/6a then (if H.1/3a then o else x) else – c43: if G.17/6a then m else – c44: if G.17/6a then x else –																

G.5.4 Attribute group

TABLE G.19
IAPBDLE Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				status	Support	Status	Support	
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”: operationalState	m		c36		
2	timers	{2 15 0 8 1}	mT1Timer mT2Timer mT3Timer	c45		c45		
c45: if G.17/4a or G.17/5a then m else –								

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G.5.5 Notifications

TABLE G.20
IAPBDLE 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		
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		

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TABLE G.20 (continued)

IAPBDLE 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								
								2.1.4	correlatedNotifica tions	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifica tions	{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	additionalInforma tion	{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”: 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	attributeIdenti fierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefini tion	{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	notificationIdenti fier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifica tions	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifica tions	{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		

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TABLE G.20 (concluded)

IAPBDLE 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								
								3.1.7	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		

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G.6 The LLC Connectionless Protocol Machine managed object

G.6.1 Statement of conformance to the managed object class

The supplier of the implementation shall support at least one managed object class derived from ILCCLPM managed object class. The supplier of the implementation shall fill in the support managed object class of Table G.21.

TABLE G.21

Subclass of ILCCLPM support

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

G.7 The LLC Connection-mode Protocol Machine managed object

G.7.1 Statement of conformance to the managed object class

The supplier of the implementation shall support at least one managed object class derived from ILCCOPM managed object class. The supplier of the implementation shall fill in the support managed object class of Table G.22.

TABLE G.22

Subclass of ILCCOPM support

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

G.8 The LLC Data Link Entity managed object

G.8.1 Statement of conformance to the managed object class

TABLE G.23

ILCDLE 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	ILCDLE	{2 15 0 3 9}		

If the answer to the actual class question in Table G.23 is no, the supplier of the implementation shall fill in the actual class support Table G.24.

TABLE G.24

ILCDLE 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

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G.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 G.25.

TABLE G.25

ILCDLE 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c46		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityP1		Mandatory	m		
3	datalinkEntity-P		Mandatory	m		
4	“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”	c47		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c46: if G.23/1b then – else m c47: if G.25/1a then m else –						

G.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 G.26. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.26
ILCDLE 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c48		c49		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c50		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	c51		m		c52		c52		c52		c52		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c50		m		x		–		–		x		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c53		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	c54		c55		c56		c56		c56		c56		
8	providerEntityNames	{2 15 0 7 11}	SET OF ObjectInstance	c53		m		m		c52		c52		m		
c48: if G.25/1a then (if H.1/3a then o else x) else – c49: if G.25/1a then m else – c50: if H.1/3a then o else x c51: if G.23/1b or H.1/4a then x else – c52: if G.23/1b then x else – c53: if H.1/3a then m else x c54: if G.25/4a then (if H.1/3a then o else x) else – c55: if G.25/4a then m else – c56: if G.25/4a then x else –																

G.8.4 Attribute group

TABLE G.27
ILCDLE Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
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”: operationalState	m		c52		

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G.8.5 Notifications

TABLE G.28
ILCDLE 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		
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		

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TABLE G.28 (continued)

ILCDLE 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								
								2.1.4	correlatedNotifica tions	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifica tions	{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	additionalInforma tion	{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”: 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	attributeIdentifier List	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefini tion	{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	newAttributeVa lue	–	ANY DEFINED BY attributeID	m		
								3.1.4	notificationIdenti fier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifica tions	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifica tions	{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		

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TABLE G.28 (concluded)

ILCDLE 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								
								3.1.7	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		

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G.9 The MAC managed object

G.9.1 Statement of conformance to the managed object class

The supplier of the implementation shall support at least one managed object class derived from mAC managed object class. The supplier of the implementation shall fill in the support managed object class of Table G.29.

TABLE G.29

Subclass of mAC support

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

G.10 The MAC Data Link Entity managed object

G.10.1 Statement of conformance to the managed object class

TABLE G.30

mACDLE 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	mACDLE	{2 15 0 3 7}		

If the answer to the actual class question in Table G.30 is no, the supplier of the implementation shall fill in the actual class support Table G.31.

TABLE G.31

mACDLE 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

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G.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 G.32.

TABLE G.32
mACDLE 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c57		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityP1		Mandatory	m		
3	datalinkEntity-P		Mandatory	m		
4	“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”	c58		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c57: if G.30/1b then – else m c58: if G.32/1a then m else –						

G.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 G.33. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.33

mACDLE 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c59		c60		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntityId	{2 9 3 5 7 0}	GraphicString	c61		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	c62		m		c63		c63		c63		c63		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c61		m		x		–		–		x		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c64		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	c65		c66		c67		c67		c67		c67		
8	providerEntityNames	{2 15 0 7 11}	SET OF ObjectInstance	c64		m		m		c63		c63		m		

c59: if G.32/1a then (if H.1/3a then o else x) else –

c60: if G.31/1a then m else –

c61: if H.1/3a then o else x

c62: if G.30/1b or H.1/4a then x else –

c63: if G.30/1b then x else –

c64: if H.1/3a then m else x

c65: if G.32/4a then (if H.1/3a then o else x) else –

c66: if G.32/4a then m else –

c67: if G.32/4a then x else –

G.10.4 Attribute group

TABLE G.34
mACDLE Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
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”: operationalState	m		c63		

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G.10.5 Notifications

TABLE G.35
mACDLE 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		
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		

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TABLE G.35 (continued)

mACDLE 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								
								2.1.4	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifi- cations	{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	additionalInforma- tion	{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”: 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	attributeIdenti- fierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefi- nition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								3.1.3.1	attributeID	–	AttributeId	m		
								3.1.3.2	oldAttributeVa- lue	–	ANY DEFINED BY attributeID	o		
								3.1.3.3	newAttributeVa- lue	–	ANY DEFINED BY attributeID	m		
								3.1.4	notificationIdenti- fier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifi- cations	{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		

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TABLE G.35 (concluded)

mACDLE 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
								3.1.7	additionalInfor mation	{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		

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G.11 The Resource TypeId managed object

G.11.1 Statement of conformance to the managed object class

TABLE G.36

resourceTypeId 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	resourceTypeId	{1 2 840 10011 3 0}		

If the answer to the actual class question in Table G.36 is no, the supplier of the implementation shall fill in the actual class support Table G.37.

TABLE G.37

resourceTypeId 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

G.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 G.38.

TABLE G.38

resourceTypeId 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c68		
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”	c69		
3	resourceTypeId-P		Mandatory	m		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c68: if G.36/1b then – else m c69: if G.38/1a then m else –						

G.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 G.39. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.39
resourceTypeId 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c70		c71		–		–		–		–		
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	c72		c73		c72		c72		c72		c72		
5	resourceInfo	{1 2 840 10011 7 2}	SEQUENCE	x		m		c74		–		–		c74		
6	resourceTypeIdName	{1 2 840 10011 7 1}	GraphicString	x		m		x		–		–		x		
c70: if G.38/1a then x else – c71: if G.38/1a then m else – c72: if G.38/2a then x else – c73: if G.38/2a then m else – c74: if G.36/1a then x else –																

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G.12 The LAPB Single Link Protocol Connection managed object

G.12.1 Statement of conformance to the managed object class

TABLE G.40

sLPConnection 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	sLPConnection	{2 15 0 3 5}		

If the answer to the actual class question in Table G.40 is no, the supplier of the implementation shall fill in the actual class support Table G.41.

TABLE G.41

sLPConnection 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

G.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 G.42.

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TABLE G.42

sLPConnection 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c75		
2	commonSLPConnection-P		Mandatory	m		
3	“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”	c76		
4	sLPConnection-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		
7	t3-P	{2 15 0 4 2}	“Optional Timer T3 of ISO 7776 is supported.”	o		
8	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c75: if G.40/1b then – else m c76: if G.42/1a or G.42/6a or G.42/7a then m else –						

G.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 G.43. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.43
sLPCConnection 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c77		c78		–		–		–		–		
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	fCSErrorsReceived	{2 15 0 7 15}	INTEGER	x		m		c79		–		–		c79		
4	fMRsReceived	{2 15 0 7 1}	INTEGER	x		m		c79		–		–		c79		
5	fMRsSent	{2 15 0 7 2}	INTEGER	x		m		c79		–		–		c79		
6	iFrameDataOctetsReceived	{2 15 0 7 16}	INTEGER	x		m		c79		–		–		c79		
7	iFrameDataOctetsSent	{2 15 0 7 17}	INTEGER	x		m		c79		–		–		c79		
8	iFramesReceived	{2 15 0 7 3}	INTEGER	x		m		c79		–		–		c79		
9	iFramesSent	{2 15 0 7 4}	INTEGER	x		m		c79		–		–		c79		
10	interfaceType	{2 15 0 7 18}	ENUMERATED	x		m		m		–		–		m		
11	k	{2 15 0 7 19}	CHOICE	x		m		m		–		–		m		
12	n1	{2 15 0 7 20}	INTEGER	x		m		m		–		–		m		
13	n2	{2 15 0 7 21}	INTEGER	x		m		m		–		–		m		
14	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	x		m		x		–		–		x		
15	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	x		m		x		–		–		x		
16	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	c80		c81		c80		c80		c80		c80		
17	pollsReceived	{2 15 0 7 22}	INTEGER	x		m		c79		–		–		c79		
18	rEJsReceived	{2 15 0 7 5}	INTEGER	x		m		c79		–		–		c79		
19	rEJsSent	{2 15 0 7 6}	INTEGER	x		m		c79		–		–		c79		
20	rNRsReceived	{2 15 0 7 7}	INTEGER	x		m		c79		–		–		c79		
21	rNRsSent	{2 15 0 7 8}	INTEGER	x		m		c79		–		–		c79		
22	sABMsReceived	{2 15 0 7 9}	INTEGER	x		m		c79		–		–		c79		
23	sABMsSent	{2 15 0 7 10}	INTEGER	x		m		c79		–		–		c79		
24	sLPPProtocolState	{2 15 0 7 23}	ENUMERATED	x		m		c79		–		–		c79		

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TABLE G.43 (concluded)

sLPConnection 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	
25	sequenceModulus	{2 15 0 7 24}	INTEGER	x		m		m		–		–		m		
26	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: supportedConnectionNames	{2 9 3 5 7 12}	SET OF ObjectInstance	c82		c83		c84		c84		c84		c84		
27	t1Timer	{2 15 0 7 25}	SEQUENCE	x		m		m		–		–		m		
28	t2Timer	{2 15 0 7 26}	SEQUENCE	x		m		m		–		–		m		
29	t3Timer	{2 15 0 7 27}	SEQUENCE	c85		c86		c86		–		–		c86		
30	t4Timer	{2 15 0 7 28}	SEQUENCE	x		m		m		–		–		m		
31	timesT1Expired	{2 15 0 7 29}	INTEGER	x		m		c79		–		–		c79		
32	timesT3Expired	{2 15 0 7 30}	INTEGER	c85		c86		c87		–		–		c87		
33	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: underlyingConnectionNames	{2 9 3 5 7 14}	SET OF ObjectInstance	x		m		c79		c79		c79		c79		
c77: if G.42/1a then x else – c78: if G.42/1a then m else – c79: if G.40/1b then x else – c80: if G.42/3a then x else – c81: if G.42/3a then m else – c82: if G.42/6a then x else – c83: if G.42/6a then m else – c84: if G.40/1b and G.42/6a then x else – c85: if G.42/7a then x else – c86: if G.42/7a then m else – c87: if G.40/1b and G.42/7a then x else –																

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G.12.4 Attribute group

TABLE G.44

sLPConnection Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
1	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: counters	{2 9 3 5 8 0}	fCSErrorsReceived fRMRsReceived fRMRsSent iFrameDataOctetsReceived iFrameDataOctetsSent iFramesReceived iFramesSent pollsReceived rEJsReceived rEJsSent rNRsReceived rNRsSent sABMsReceived sABMsSent timesT1Expired timerT3Expired (condition)	m		c79		
2	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: state	{2 9 3 2 8 1}	sLPProtocolState	m		c79		
3	timers	{2 15 0 8 1}	t1Timer t2Timer t4Timer t3Timer (condition)	m		m		

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G.12.5 Actions

TABLE G.45
sLPConnection 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		

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G.12.6 Notifications

TABLE G.46
sLPCConnection 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			fRMR	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		
								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		

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TABLE G.46 (continued)

sLPConnection 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								
								1.1.7.3.2	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		
								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		

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TABLE G.46 (continued)

sLPCConnection 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								
								1.1.14	additionalInforma tion	{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	notificationIdenti fier	{2 9 3 2 7 16}	INTEGER	o		
								2.1.4	correlatedNotifica tions	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifica tions	{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	additionalInforma tion	{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	notificationIdenti fier	{2 9 3 2 7 16}	INTEGER	o		

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TABLE G.46 (concluded)

sLPCConnection 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								
								3.1.4	correlatedNotifica tions	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.4.1	correlatedNotifica tions	{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	additionalInforma tion	{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		

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G.12.7 Parameter

TABLE G.47

sLPConnection Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	fRMR	{2 15 0 5 1}	EVENT-INFO communicationsAlarm	m		

G.13 The LAPB Single Link Protocol Connection Initial Values managed object

G.13.1 Statement of conformance to the managed object class

TABLE G.48

sLPConnectionIVMO 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	sLPConnectionIVMO	{2 15 0 3 6}		

If the answer to the actual class question in Table G.48 is no, the supplier of the implementation shall fill in the actual class support Table G.49.

TABLE G.49

sLPConnectionIVMO 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

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G.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 G.50.

TABLE G.50
sLPConnectionIVMO 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomororphism”	c88		
2	commonSLPConnection-P		Mandatory	m		
3	“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”	c89		
4	sLPConnectionIVMO-P		Mandatory	m		
5	t3IVMO-P	{2 15 0 4 3}	“optional Timer T3 of ISO 7776 is supported.”	o		
6	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c88: if G.48/1b then – else m c89: if G.50/1a or G.50/5a then m else –						

G.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 G.51. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.51

sLPConnectionIVMO 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c90		c91		–		–		–		–		
2	interfaceType	{2 15 0 7 18}	ENUMERATED	m		m		m		–		–		m		
3	k	{2 15 0 7 19}	CHOICE	m		m		m		–		–		m		
4	n1	{2 15 0 7 20}	INTEGER	m		m		m		–		–		m		
5	n2	{2 15 0 7 21}	INTEGER	m		m		m		–		–		m		
6	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m		x		–		–		x		
7	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	m		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	c92		c93		c94		c94		c94		c94		
9	sLPConnectionIVMOId	{2 15 0 7 31}	GraphicString	o		m		x		–		–		x		
10	sequenceModulus	{2 15 0 7 24}	INTEGER	m		m		m		–		–		m		
11	t1Timer	{2 15 0 7 25}	SEQUENCE	m		m		m		–		–		m		
12	t2Timer	{2 15 0 7 26}	SEQUENCE	m		m		m		–		–		m		
13	t3Timer	{2 15 0 7 27}	SEQUENCE	c95		c95		c95		–		–		c95		
14	t4Timer	{2 15 0 7 28}	SEQUENCE	m		m		m		–		–		m		
c90: if G.50/1a then o else – c91: if G.50/1a then m else – c92: if G.50/3a then o else – c93: if G.50/3a then m else – c94: if G.48/1b and G.50/3a then x else – c95: if G.50/5a then m else –																

G.13.4 Attribute group

TABLE G.52
sLPConnectionIVMO Attribute group support

Index	Attribute group template label	Value of object identifier for attribute group	Constraints and values	Get		Set to default		Additional information
				Status	Support	Status	Support	
1	timers	{2 15 0 8 1}	t1Timer t2Timer t4Timer t3Timer (condition)	m		m		

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G.13.5 Notifications

TABLE G.53
sLPConnectionIVMO 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		
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		

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TABLE G.53 (concluded)

sLPConnectionIVMO 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								
								2.1.4	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifi- cations	{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	additionalInfor- mation	{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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G.14 The LAPB Single Link Protocol Machine managed object

G.14.1 Statement of conformance to the managed object class

TABLE G.54

sLPPM 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	sLPPM	{2 15 0 3 4}		

If the answer to the actual class question in Table G.54 is no, the supplier of the implementation shall fill in the actual class support Table G.55.

TABLE G.55

sLPPM 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

G.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 G.56.

TABLE G.56

sLPPM 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”: allomorphicPackage	{2 9 3 2 4 17}	“if an object supports allomorphism”	c96		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: coProtocolMachineP1		Mandatory	m		
3	“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”	c97		
4	sLPPM-P		Mandatory	m		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: topPackage		Mandatory	m		
c96: if G.54/1b then – else m c97: if G.56/1a then m else –						

G.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 G.57. The supplier of the implementation shall indicate support for each of the operations for each attribute supported.

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TABLE G.57

sLPPM 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	
1	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: allomorphs	{2 9 3 2 7 50}	SET OF ObjectClass	c98		c99		–		–		–		–		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: coProtocolMachineId	{2 9 3 5 7 3}	GraphicString	c100		m		x		–		–		x		
3	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	c100		m		x		–		–		x		
4	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: objectClass	{2 9 3 2 7 65}	ObjectClass	c101		m		x		–		–		x		
5	“CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992”: operationalState	{2 9 3 2 7 35}	ENUMERATED	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	c102		c103		c104		c104		c104		c104		
c98: if G.56/1a then (if H.1/20a then o else x) else – c99: if G.56/1a then m else – c100: if H.1/20a then o else x c101: if H.1/20a then m else x c102: if G.56/3a then (if H.1/20a then o else x) else – c103: if G.56/3a then m else – c104: if G.54/1b and G.56/3a then x else –																

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G.14.4 Attribute group

TABLE G.58
sLPPM Attribute group support

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”: operationalState	m		c105		
c105: if G.54/1b then x else –								

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G.14.5 Actions

TABLE G.59
sLPPM 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		

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G.14.6 Notifications

TABLE G.60
sLPPM 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	notificationIden- tifier	{2 9 3 2 7 16}	INTEGER	o		
								1.1.4	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								1.1.4.1	correlatedNotifi- cations	{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	additionalInfor- mation	{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		
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	notificationIden- tifier	{2 9 3 2 7 16}	INTEGER	o		

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TABLE G.60 (continued)

sLPPM 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								
								2.1.4	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								2.1.4.1	correlatedNotifi- cations	{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	additionalInfor- mation	{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”: 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	attributeIdenti- fierList	{2 9 3 2 7 8}	SET OF AttributeId	o		
								3.1.3	stateChangeDefi- nition	{2 9 3 2 7 28}	SET OF SEQUENCE	m		
								3.1.3.1	attributeID	–	AttributeId	m		
								3.1.3.2	oldAttributeVa- lue	–	ANY DEFINED BY attributeID	o		
								3.1.3.3	newAttributeVa- lue	–	ANY DEFINED BY attributeID	m		
								3.1.4	notificationIden- tifier	{2 9 3 2 7 16}	INTEGER	o		
								3.1.5	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
								3.1.5.1	correlatedNotifi- cations	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
								3.1.5.2	sourceObjectInst	–	ObjectInstance	c:o		

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TABLE G.60 (concluded)

sLPPM 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								
								3.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
								3.1.7	additionalInfor- mation	{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		

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Annexe H⁶⁾

Formulaire MRCS pour les corrélations de noms

H.1 Introduction

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

H.2 Instructions for completing the MRCS proforma for name binding to produce a MRCS⁷⁾

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

⁶⁾ **Droits de reproduction du formulaire MRCS**

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 la Rec. UIT-T X.724 | ISO/CEI 10165-6, Article 5.

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H.3 Statement of conformance to the name binding

TABLE H.1
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	dLSAP-datalinkEntity-Management	{2 15 0 6 2}	Superior class: datalinkEntity AND SUBCLASSES	o			1.1	Create support		m		
							1.2	Create with reference object		–		
							1.3	Create with automatic instance naming		–		
							1.4	Delete support		m		
							1.5	Delete only if no contained objects		m		
							1.6	Delete contained objects		x		
2	“ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: sap1-communicationsEntity	{2 9 3 5 6 3}	Superior class: “ITU-T Rec. X.723 (1993) ISO/IEC 10165-5:1994”: communicationsEntity AND SUBCLASSES	o			2.1	Create support		x		
							2.2	Create with reference object		–		
							2.3	Create with automatic instance naming		–		
							2.4	Delete support		x		
							2.5	Delete only if no contained objects		–		
							2.6	Delete contained objects		–		
3	datalinkEntity-datalinkSubsystem-Management	{2 15 0 6 1}	Superior class: datalinkSubsystem AND SUBCLASSES	o			3.1	Create support		m		
							3.2	Create with reference object		–		
							3.3	Create with automatic instance naming		–		
							3.4	Delete support		m		
							3.5	Delete only if no contained objects		m		
							3.6	Delete contained objects		x		

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TABLE H.1 (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	“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			4.1	Create support		x		
							4.2	Create with reference object		—		
							4.3	Create with automatic instance naming		—		
							4.4	Delete support		x		
							4.5	Delete only if no contained objects		—		
							4.6	Delete contained objects		—		
5	“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			5.1	Create support		x		
							5.2	Create with reference object		—		
							5.3	Create with automatic instance naming		—		
							5.4	Delete support		x		
							5.5	Delete only if no contained objects		—		
							5.6	Delete contained objects		—		
6	eWMAMetricMonitor-ILCDLE-Management	{2 15 0 6 13}	Superior class: ILCDLE AND SUBCLASSES	o			6.1	Create support		m		
							6.2	Create with reference object		m		
							6.3	Create with automatic instance naming		m		
							6.4	Delete support		m		
							6.5	Delete only if no contained objects		m		
							6.6	Delete contained objects		x		

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TABLE H.1 (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	eWMAMetricMonitor-mACDLE-Management	{2 15 0 6 14}	Superior class: mACDLE AND SUBCLASSES	o			7.1	Create support		m		
							7.2	Create with reference object		m		
							7.3	Create with automatic instance naming		m		
							7.4	Delete support		m		
							7.5	Delete only if no contained objects		m		
							7.6	Delete contained objects		x		
8	ILCCLPM-ILCDLE-Management	{2 15 0 6 9}	Superior class: ILCDLE AND SUBCLASSES	o			8.1	Create support		m		
							8.2	Create with reference object		–		
							8.3	Create with automatic instance naming		–		
							8.4	Delete support		m		
							8.5	Delete only if no contained objects		m		
							8.6	Delete contained objects		x		
9	“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			9.1	Create support		x		
							9.2	Create with reference object		–		
							9.3	Create with automatic instance naming		–		
							9.4	Delete support		x		
							9.5	Delete only if no contained objects		–		
							9.6	Delete contained objects		–		

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TABLE H.1 (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	ILCCOPM-ILCDLE-Management	{2 15 0 6 10}	Superior class: ILCDLE AND SUBCLASSES	o			10.1	Create support		m		
							10.2	Create with reference object		–		
							10.3	Create with automatic instance naming		–		
							10.4	Delete support		m		
							10.5	Delete only if no contained objects		m		
							10.6	Delete contained objects		x		
11	“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			11.1	Create support		x		
							11.2	Create with reference object		–		
							11.3	Create with automatic instance naming		–		
							11.4	Delete support		x		
							11.5	Delete only if no contained objects		–		
							11.6	Delete contained objects		–		
12	mAC-mACDLE-Automatic	{2 15 0 6 7}	Superior class: mACDLE AND SUBCLASSES	o			12.1	Create support		x		
							12.2	Create with reference object		–		
							12.3	Create with automatic instance naming		–		
							12.4	Delete support		x		
							12.5	Delete only if no contained objects		–		
							12.6	Delete contained objects		–		

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TABLE H.1 (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	mAC-mACDLE-Management	{2 15 0 6 8}	Superior class: mACDLE AND SUBCLASSES	o			13.1	Create support		m		
							13.2	Create with reference object		–		
							13.3	Create with automatic instance naming		–		
							13.4	Delete support		m		
							13.5	Delete only if no contained objects		m		
							13.6	Delete contained objects		x		
14	resourceTypeId-ILCDLE-Automatic	{2 15 0 6 11}	Superior class: ILCDLE AND SUBCLASSES	o			14.1	Create support		x		
							14.2	Create with reference object		–		
							14.3	Create with automatic instance naming		–		
							14.4	Delete support		x		
							14.5	Delete only if no contained objects		–		
							14.6	Delete contained objects		–		
15	resourceTypeId-mACDLE-Automatic	{2 15 0 6 12}	Superior class: mACDLE AND SUBCLASSES	o			15.1	Create support		x		
							15.2	Create with reference object		–		
							15.3	Create with automatic instance naming		–		
							15.4	Delete support		x		
							15.5	Delete only if no contained objects		–		
							15.6	Delete contained objects		–		

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TABLE H.1 (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	sLPConnection-sLPPM-Automatic	{2 15 0 6 4}	Superior class: sLPPM AND SUBCLASSES	o			16.1	Create support		x		
							16.2	Create with reference object		–		
							16.3	Create with automatic instance naming		–		
							16.4	Delete support		x		
							16.5	Delete only if no contained objects		–		
							16.6	Delete contained objects		–		
17	sLPConnection-sLPPM-Management	{2 15 0 6 5}	Superior class: sLPPM AND SUBCLASSES	o			17.1	Create support		x		
							17.2	Create with reference object		–		
							17.3	Create with automatic instance naming		–		
							17.4	Delete support		m		
							17.5	Delete only if no contained objects		m		
							17.6	Delete contained objects		x		
18	“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			18.1	Create support		x		
							18.2	Create with reference object		–		
							18.3	Create with automatic instance naming		–		
							18.4	Delete support		x		
							18.5	Delete only if no contained objects		–		
							18.6	Delete contained objects		–		

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TABLE H.1 (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
19	sLPConnectionIVMO-sLPPM-Management	{2 15 0 6 6}	Superior class: sLPPM AND SUBCLASSES	o			19.1	Create support		m		
							19.2	Create with reference object		–		
							19.3	Create with automatic instance naming		–		
							19.4	Delete support		m		
							19.5	Delete only if no contained objects		m		
							19.6	Delete contained objects		x		
20	sLPPM-IAPBDLE-Management	{2 15 0 6 3}	Superior class: IAPBDLE AND SUBCLASSES	o			20.1	Create support		m		
							20.2	Create with reference object		–		
							20.3	Create with automatic instance naming		–		
							20.4	Delete support		m		
							20.5	Delete only if no contained objects		m		
							20.6	Delete contained objects		x		

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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