



UNIÓN INTERNACIONAL DE TELECOMUNICACIONES

UIT-T

SECTOR DE NORMALIZACIÓN
DE LAS TELECOMUNICACIONES
DE LA UIT

X.790

Enmienda 1
(10/96)

SERIE X: REDES DE DATOS Y COMUNICACIÓN
ENTRE SISTEMAS ABIERTOS

Gestión de interconexión de sistemas abiertos –
Funciones de gestión

Función de gestión de dificultades para
aplicaciones del UIT-T

**Enmienda 1: Formularios de declaración de
conformidad de implementación**

Recomendación UIT-T X.790 – Enmienda 1

(Anteriormente Recomendación del CCITT)

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PREFACIO

El UIT-T (Sector de Normalización de las Telecomunicaciones) es un órgano permanente de la Unión Internacional de Telecomunicaciones (UIT). Este órgano estudia los aspectos técnicos, de explotación y tarifarios y publica Recomendaciones sobre los mismos, con miras a la normalización de las telecomunicaciones en el plano mundial.

La Conferencia Mundial de Normalización de las Telecomunicaciones (CMNT), que se celebra cada cuatro años, establece los temas que han de estudiar las Comisiones de Estudio del UIT-T, que a su vez producen Recomendaciones sobre dichos temas.

La aprobación de Recomendaciones por los Miembros del UIT-T es el objeto del procedimiento establecido en la Resolución N.º 1 de la CMNT (Helsinki, 1 al 12 de marzo de 1993).

La Recomendación UIT-T X.790, enmienda 1, ha sido preparada por la Comisión de Estudio 7 (1993-1996) del UIT-T y fue aprobada por el procedimiento de la Resolución N.º 1 de la CMNT el 5 de octubre de 1996.

NOTA

En esta Recomendación, la expresión «Administración» se utiliza para designar, en forma abreviada, tanto una administración de telecomunicaciones como una empresa de explotación reconocida de telecomunicaciones.

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RESUMEN

La Recomendación X.790 ofrece numerosas opciones entre las que pueden elegir los implementadores al desarrollar un producto. Esto significa que un producto sistema de operaciones (OS, *operations system*) de un vendedor que necesite interfuncionar con otro producto OS de otro vendedor debe ser desarrollado con un cierto grado de común y explícito acuerdo por parte de ambos diseñadores a propósito de las opciones efectivas que han de estar presentes en los productos de soporte lógico para mensajes basados en la Recomendación X.739. Esta enmienda proporciona un procedimiento para especificar opciones de mensajes de manera tal que la documentación que se escriba para las opciones finalmente elegidas pueda ser más explícita. Gracias a ello se reducirá el tiempo que se necesita para efectuar pruebas de interoperabilidad entre el OS de un vendedor y el OS de otro vendedor, ya que, a quienes desarrollan los productos, se les podrá dar una especificación de mensajes más explícita.

FUNCIÓN DE GESTIÓN DE DIFICULTADES PARA APLICACIONES DEL UIT-T

ENMIENDA 1

Formularios de declaración de conformidad de implementación

(Ginebra, 1996)

1) *Sustitúyase la cláusula 3 por lo siguiente:*

3 Definiciones

A los efectos de esta Recomendación, se aplican las siguientes definiciones.

3.1 Definiciones de ASN.1

La presente Recomendación utiliza el siguiente término definido en la Rec. X.208 del CCITT e ISO 8824:

- identificador de objeto.

3.2 Definiciones del marco de gestión

La presente Recomendación utiliza el siguiente término definido en la Rec. X.700 del CCITT e ISO/CEI 7498-4:

- objeto gestionado.

3.3 Definiciones de la metodología de las pruebas de conformidad

La presente Recomendación utiliza los siguientes términos definidos en la Rec. UIT-T X.290 e ISO/CEI 9646-1:

- a) declaración de conformidad de implementación de protocolo (PICS, *protocol implementation conformance statement*);
- b) formulario PICS;
- c) declaración de conformidad de sistema.

3.4 Definiciones generales de la gestión de sistemas

La presente Recomendación utiliza los siguientes términos definidos en la Rec. X.701 del CCITT | ISO/CEI 10040, con las excepciones indicadas:

- a) agente;
- b) clase de objeto gestionado;
- c) declaración de conformidad de objeto gestionado;
- d) gestor;
- e) formularios MOCS;
- f) notificación.

La definición del término «agente» en la Rec. X.701 del CCITT | ISO/CEI 10040 se utiliza con la siguiente restricción. Con respecto a un caso determinado de servicio (o recurso) de telecomunicación, será posible gestionar el servicio con un sistema desempeñando el cometido de gestor y el otro desempeñando el cometido de agente.

La definición del término «gestor» en la Rec. X.701 del CCITT | ISO/CEI 10040 se utiliza con la siguiente restricción. Con respecto a un caso determinado de servicio (o recurso) de telecomunicación, será posible gestionar el servicio con un sistema desempeñando el cometido de gestor y el otro desempeñando el cometido de agente.

3.5 Definiciones del CMIS

La presente Recomendación utiliza los siguientes términos definidos en la Rec. X.710 del CCITT | ISO/CEI 9595:

- a) atributo;
- b) tipo de atributo;
- c) valor de atributo.

3.6 Definiciones del modelo de información de gestión

La presente Recomendación utiliza los siguientes términos definidos en la Rec. X.720 del CCITT | ISO/CEI 10165-1:

- a) acción;
- b) comportamiento;
- c) característica;
- d) lote condicional;
- e) ejemplificación; instanciación;
- f) vinculación de nombres;
- g) lote;
- h) parámetro;
- i) superclase.

3.7 Directrices para la definición de las definiciones de objetos gestionados

La presente Recomendación utiliza el siguiente término definido en la Rec. X.722 del CCITT | ISO/CEI 10165-4:

- plantilla.

3.8 Definiciones de declaraciones de conformidad de implementación

La presente Recomendación utiliza los siguientes términos definidos en la Rec. UIT-T X.296 e ISO/CEI 9646-7:

- a) elemento (de ICS);
- b) cuestión (de ICS);
- c) (valor) de estado;
- d) respuesta (de soporte).

3.9 Definiciones del formulario de declaración de conformidad de implementación

La presente Recomendación utiliza los siguientes términos definidos en la Rec. UIT-T X.724 | ISO/CEI 10165-6:

- a) declaración de conformidad de relación gestionada (MRCS);
- b) sumario de conformidad de gestión (MCS);
- c) formulario MCS;
- d) formulario MRCS.

3.10 Definiciones adicionales

A los efectos de la presente Recomendación, se aplican las siguientes definiciones:

3.10.1 alias: Otro nombre, además del identificador de objeto, por el cual un informe de dificultades puede ser conocido, referenciado o identificado (usualmente por el cliente).

- 3.10.2 entidad de aplicación:** Los aspectos de un proceso de aplicación pertinente a la interconexión de sistemas abiertos.
- 3.10.3 asociación de aplicación:** Una relación cooperativa entre dos entidades de aplicación, formada por su intercambio de información de control de protocolo de aplicación mediante su utilización de servicios de presentación.
- 3.10.4 contexto de aplicación:** Un conjunto explícitamente identificado de elementos de servicio de aplicación, opciones conexas y cualquier otra información necesaria para el interfuncionamiento de entidades de aplicación en una asociación de aplicación.
- 3.10.5 alarmas asociadas:** Alarmas directamente relacionadas con una dificultad identificada dada.
- 3.10.6 cancelado:** Un gestor puede pedir al agente que «cancele» un informe de dificultades. El gestor desea abortar este informe de dificultades (porque se presentó erróneamente o porque ya no existe la condición de dificultad). En determinadas condiciones (por ejemplo, la dificultad no ha sido comunicada o probada) el agente «cancelará» el informe de dificultades actualizando su situación a «cerrado a petición del cliente». La «cancelación» de un informe de dificultades puede tener también ramificaciones comerciales fuera del alcance de esta Recomendación (por ejemplo, si el cliente debe pagar por el informe de dificultades).
- 3.10.7 solución de informes de dificultades:** Una afirmación por un agente de que las acciones identificadas en el informe de dificultades u objetos de actividad de reparación han sido ejecutadas satisfactoriamente para resolver la dificultad, o que dichas acciones ya no son necesarias, de modo que en cualquiera de los dos casos el informe de dificultades debe cerrarse.
- 3.10.8 utilizador; usuario:** Usuario de un servicio proporcionado por un sistema o una red.
- 3.10.9 liquidación:** Un informe de dificultades se considera «liquidado» cuando el agente determina que la dificultad informada ha sido resuelta o ya no existe, y el agente actualiza la situación del informe de dificultades para indicar que el informe de dificultades está «liquidado». Solamente un agente puede cambiar la situación de un informe de dificultad a «liquidado». La situación de un informe de dificultades pudiera cambiar a «liquidado a petición del cliente» como resultado de una petición del gestor de cancelar el informe de dificultades.
- 3.10.10 cierre de informe de dificultades:** Una afirmación por un agente de que la dificultad se ha resuelto de modo que el informe de dificultades solucionado sólo puede ser procesado ulteriormente para generar un registro de historial de dificultades y/o para suprimirlo.
- 3.10.11 entidad de gestión conforme:** Un sistema abierto real que sustenta la interfaz interoperable definida en esta Recomendación.
- 3.10.12 contacto:** Persona que puede proporcionar información adicional sobre la dificultad en nombre del gestor o del agente.
- 3.10.13 cliente:** El cliente es un usuario de servicios de telecomunicación prestados por un proveedor de servicios. Específicamente, en el contexto de esta Recomendación, el cliente es un usuario que elige utilizar la interfaz de interconexión de sistemas abiertos de un sistema de operaciones a otro sistema de operaciones para efectuar la gestión de red a través de jurisdicciones con miras a lograr el control de servicios (o recursos) de telecomunicaciones proporcionados por un proveedor de servicios. El cliente (o el representante del cliente) actúa con el cometido de gestor.
- No existe un requisito de que la interfaz se limite a casos en los que hay una relación cliente de servicio de telecomunicación tradicional/proveedor de servicio entre las partes. Es posible que dos proveedores de servicios de telecomunicación pudieran utilizar esta interfaz para intercambiar informes de dificultades en situaciones en las que sus redes interfuncionen para prestar servicios a un usuario final. En ese caso, el cometido de cliente puede cambiar de una situación a otra. Sin embargo, en cualquier situación particular un proveedor de servicios de telecomunicación actuará en el cometido de gestor mientras que el otro será el suministrador y actuará con el cometido de agente.
- 3.10.14 aplazamiento:** Posponer, o dejar de lado, el trabajo relativo a un informe de dificultades hasta el momento en que se cumplan las condiciones apropiadas y se pueda hacerlo avanzar.
- 3.10.15 evento:** Una ocurrencia instantánea que cambia la situación global de un objeto. Este cambio de situación puede ser persistente o temporal, teniendo así en cuenta la funcionalidad de vigilancia, supervisión y medición de la calidad de funcionamiento, etc. Los eventos pueden generar o no informes, pueden ser espontáneos o planificados, pueden activar otros eventos o pueden ser activados por otro u otros eventos.
- 3.10.16 escalada de un informe de dificultades:** Identificación de un informe de dificultades que ha de recibir atención de supervisión urgente e inmediata para resolver la dificultad.
- 3.10.17 gestión de averías:** La gestión de averías consiste en un conjunto de funciones que permiten la detección, aislamiento y corrección del funcionamiento anormal de la red de telecomunicaciones y su entorno.

3.10.18 jurisdicción: Se refiere a la separación funcional de redes de telecomunicaciones. Una jurisdicción es uno de los cuatro tipos siguientes:

- Red de empresa de central local.
- Red de empresa entre centrales.
- Red de usuario final.
- Alguna combinación de las anteriores.

3.10.19 interrupción: Indisponibilidad de un servicio o recurso.

3.10.20 gravedad percibida: La gravedad del problema vista por la persona que informa de la dificultad.

3.10.21 prioridad: El grado de urgencia con el cual el gestor requiere que se solucione el problema.

3.10.22 servicio: Este término representa capacidades de telecomunicaciones que el cliente compra o arrienda a un proveedor de servicio. El servicio es una abstracción del examen del elemento de red o del equipo. Servicios idénticos pueden ser proporcionados por diferentes elementos de red y servicios diferentes pueden ser proporcionados por los mismos elementos de red.

3.10.23 proveedor de servicio: Un sistema o una red que proporciona el servicio a un cliente. En el contexto de la presente Recomendación el proveedor de servicio es cualquiera que ofrece la interfaz de interconexión de sistema de operaciones a sistema de operaciones para permitir la gestión de red a través de jurisdicciones de servicios (o recursos) de telecomunicaciones que proporcionan (véase *cliente*). El proveedor de servicio actúa con el cometido de agente.

No hay un requisito de que la interfaz esté limitada a los casos en que hay una relación cliente de servicio de telecomunicaciones tradicional/proveedor de servicio de telecomunicaciones entre las partes. Éste es ciertamente el caso cuando dos empresas de telecomunicaciones pudieran utilizar esta interfaz. En ese caso, el cometido de cliente puede cambiar ocasionalmente. Sin embargo, en cualquier situación particular, un proveedor de servicios de telecomunicación será el cliente y tendrá el cometido de gestor, mientras que el otro será el suministrador y tendrá el cometido de agente.

3.10.24 situación de un informe de dificultades: La etapa que ha sido alcanzada por un informe de dificultades desde su ejemplificación creación mientras la dificultad se está resolviendo.

3.10.25 sello de tiempo: Un valor de tiempo utilizado para indicar cuándo se produjo una determinada actividad, acción, u ocurrió un evento.

3.10.26 dificultad: Cualquier causa que puede conducir o contribuir a que un gestor perciba una degradación de la calidad de servicio de uno o más servicios de red o de uno o más recursos de red que son gestionados.

3.10.27 administración de dificultades: La administración de dificultades consiste en un conjunto de funciones que permite informar sobre las dificultades y seguir su evolución. Los servicios de administración de dificultades incluyen el formato de petición de informe de dificultades, la introducción del informe de dificultades, la adición de información de dificultades, la cancelación del informe de dificultades, la petición de la situación del informe de dificultades, el examen del historial de dificultades, la notificación de cambio de valor de atributo (por ejemplo, situación del informe de dificultades/tiempo de ejecución), la creación/supresión de objetos (informe de dificultades), la verificación de la compleción de la reparación de la dificultad y la modificación de la información de administración de dificultades.

3.10.28 anotación de historial de dificultades: Una anotación de información seleccionada de un informe de dificultades que se mantiene con fines históricos después que se cierra el informe de dificultades.

3.10.29 gestión de dificultades: El informe y el seguimiento de la dificultad entre las entidades de gestión conformes que interfuncionan cooperativamente para resolver un problema. (No se hace distinción entre interfaces entre jurisdicciones o dentro de jurisdicciones.)

3.10.30 informe de dificultades: El acto de comunicar que se ha detectado una dificultad de modo que se pueda utilizar la gestión de dificultades para resolverla.

3.10.31 solución de dificultades: Es el proceso de diagnóstico y la acción de reparación requerida para resolver un problema. Comprende el proceso de asignar elementos de trabajo específicos o responsabilidad general para solucionar y cerrar el informe de dificultades.

3.10.32 seguimiento de dificultades: La capacidad de seguir el curso de un informe de dificultades desde su creación hasta su cierre.

3.10.33 tipo de dificultad: La descripción o categoría de la dificultad detectada.

2) *Añádanse por orden alfabético las siguientes abreviaturas a la cláusula 4:*

ICS	Declaración de conformidad de implementación (<i>implementation conformance statement</i>)
MCS	Sumario de conformidad de gestión (<i>management conformance summary</i>)
MICS	Declaración de conformidad de información de gestión (<i>management information conformance statement</i>)
MOCS	Declaración de conformidad de objeto gestionado (<i>managed object conformance statement</i>)
MRCS	Declaración de conformidad de relación gestionada (<i>managed relationship conformance statement</i>)
PICS	Declaración de conformidad de implementación de protocolo (<i>protocol implementation conformance statement</i>)

3) *Sustitúyase la cláusula 11 por lo siguiente:*

11 Conformidad

Las implementaciones que alegan conformidad con esta Recomendación cumplirán los requisitos definidos en las siguientes subcláusulas.

11.1 Conformidad estática

La implementación se ajustará a los requisitos de la presente Recomendación en el cometido de gestor, en el cometido de agente o en ambos cometidos. Se alegará conformidad por lo menos con un cometido descrito en el Cuadro B0.4.1.

Si se alega conformidad para sustentar el cometido de gestor, la implementación admitirá por lo menos una operación de gestión o notificación del objeto gestionado informe de dificultades de telecomunicación o por lo menos una operación de gestión o notificación del objeto gestionado informe de dificultades del proveedor que se especifica en esta Recomendación. Los requisitos de conformidad en el cometido de gestor para esas operaciones de gestión y notificaciones se identifican en el Cuadro B0.4.3 y demás cuadros referenciados por el Anexo B.

Si se alega conformidad para sustentar el cometido de agente, la implementación admitirá uno o más ejemplares de la clase de objeto gestionado informe de dificultades de telecomunicación identificada en el Cuadro B0.4.4 o sustentaré uno o más ejemplares de la clase de objeto gestionado informe de dificultades del proveedor.

La implementación admitirá la sintaxis de transferencia derivada de las reglas de codificación especificadas en la Rec. X.209 del CCITT e ISO/CEI 8825 y denominadas {joint-iso-itu-t asn1(1) basicEncoding(1)} para los tipos de datos abstractos a los que se hace referencia en las definiciones que se alega apoyar.

NOTA – Antes de la publicación de esta enmienda, la presente Recomendación distinguía entre clases de conformidad general y dependiente. Una alegación de conformidad similar a la clase de conformidad general puede efectuarse declarando el soporte, en el cometido de gestor, en el cometido de agente o en ambos cometidos, de la unidad funcional núcleo del Cuadro B0.4.2. Una alegación de conformidad similar a la clase de conformidad dependiente puede efectuarse declarando el soporte de al menos uno de los ítems de los Cuadros B0.4.3 o B0.4.4.

11.2 Conformidad dinámica

Las implementaciones que alegan conformidad con la presente Recomendación admitirán los elementos de procedimiento y las definiciones de semántica correspondientes a las definiciones que se alega apoyar.

11.3 Requisitos del declaración de conformidad de implementación de gestión

Cualquier formulario MCS, MICS, MOCS y MRCS conforme a la presente Recomendación será técnicamente idéntico a los formularios especificados en los Anexos B, C, D y E y preservará la numeración de los cuadros y los números de índices de los ítems, difiriendo solamente en la paginación y en los encabezamientos de página.

El proveedor de una implementación que alega conformidad con la presente Recomendación rellenará un ejemplar del resumen de conformidad de gestión (MCS, *management conformance summary*) que figura en el Anexo B como parte de los requisitos de conformidad junto con cualesquiera otros formularios de declaración de conformidad de implementación (ICS, *implementation conformance statements*) que se mencionan como aplicables en los MCS. Una ICS que se ajusta a la presente Recomendación:

- describirá una implementación conforme a la presente Recomendación;
- se rellenará de acuerdo con las instrucciones que figuran en la Rec. UIT-T X.724 | ISO/CEI 10165-6;
- incluirá la información necesaria para identificar de manera única al suministrador y a la implementación.

4) *Insértense los anexos siguientes:*

Anexo B⁴⁾

Formulario de MCS

B0.1 Introduction

B0.1.1 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.

B0.1.2 Instructions for completing the MCS proforma to produce a MCS

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

B0.1.3 Symbols, abbreviations and terms

For all annexes of this Recommendation, the following common notations, defined in CCITT 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 “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 selectable options among a set of status values. Support of at least one of the choices (from the items with the same value of N) is required.

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 Support column:

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

4) Comunicado sobre derechos de autor del formulario de MCS

Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MCS cumplimentado.

En la Rec. UIT-T X.724 | ISO/CEI 10165-6 se especifican las instrucciones para rellenar el formulario de MCS.

B0.1.4 Table format

Some of the tables in this Recommendation have been split because the information is too wide to fit on the page. Where this occurs, the index number of the first block of columns are the index numbers of the corresponding rows of the remaining blocks of columns. A complete table reconstructed from the constituent parts should have the following layout:

Index	First block of columns	Second block of columns	Etc.
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In this Recommendation the constituent parts of the table appear consecutively, starting with the first block of columns.

When a table with subrows is too wide to fit on a page, the continuation table(s) have been constructed with index numbers identical to the index numbers in the corresponding rows of the first table, and with subindex numbers corresponding to the subrows within each indexed row. For example, if Table X.1 has 2 rows and the continuation of Table X.1 has 2 subrows for each row, the tables are presented as follows:

TABLE X.1

Title

Index					Support		G
	A	B	C	D	E	F	
1	a	b	–				
2	a	b	–				

TABLE X.1 (concluded)

Title

Index	Subindex	H	I	J	K	L
1	1.1	h	i	j		
	1.2	h	i	j		
2	2.1	h	i	j		
	2.2	h	i	j		

A complete table reconstructed from the constituent parts should have the following layout:

Index					Support		G	Subindex	H	I	J	K	L
	A	B	C	D	E	F							
1	a	b	–					1.1	h	i	j		
								1.2	h	i	j		
2	a	b	–					2.1	h	i	j		
								2.2	h	i	j		

References made to cells within tables shall be interpreted as references within reconstructed tables. In the example above, the reference X.1/1d corresponds to the blank cell in column G for row with Index 1, and X.1/1.2b corresponds to the blank cell in column L for row with Subindex 1.2.

B0.2 Identification of the implementation

B0.2.1 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

B0.2.2 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.

B0.2.3 Contact

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

B0.3 Identification of the ITU-T Recommendations | International Standards 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 ITU-T Recommendations | International Standards which specify the management information to which conformance is claimed, in the box below.

ITU-T Recommendations | International Standards to which conformance is claimed

B0.3.1 Technical corrigenda implemented

The supplier of the implementation shall enter the reference numbers of implemented technical corrigenda which modify the identified ITU-T Recommendations | International Standards, in the box below.

B0.3.2 Amendments implemented

The supplier of the implementation shall state the titles and reference numbers of implemented amendments to the identified ITU-T Recommendations | International Standards, in the box below.

B0.4 Management conformance summary

The supplier of the implementation shall state the capabilities and features supported and provide a summary of conformance claims to ITU-T Recommendations | International Standards using the tables in this annex.

The supplier of the implementation shall specify the roles that are supported, in Table B0.4.1.

TABLE B0.4.1/X.790

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 support for the systems management functional units, in Table B0.4.2.

TABLE B0.4.2/X.790

Systems management functional units

Index	Systems management functional unit name	Manager		Agent		Additional information
		Status	Support	Status	Support	
1	kernel functional unit	c1		c2		
	request trouble report format	c1		c2		
	trouble history event notification	c1		c2		
	review trouble history record	c1		c2		
	add trouble information	c1		c2		
	trouble report status/commitment time update notification	c1		c2		
	verify trouble repair completion	c1		c2		
	modify trouble administration information	c1		c2		
	trouble administration configuration event notification	c1		c2		
	trouble report progress notification	c1		c2		
	cancel trouble report	c1		c2		
	extended modify trouble administration information	c1		c2		
	delete telecommunications trouble report	c1		c2		
	refer telecommunications trouble report	c1		c2		
	transfer telecommunications trouble report	c1		c2		
	update state and status	c1		c2		
	repair activity object	c1		c2		
2	provider trouble report control	c1		c2		
c1: if B0.4.1/1a then o else –. c2: if B0.4.1/2a then o else –.						

The supplier of the implementation shall specify support for management information in the manager role, in Table B0.4.3.

TABLE B0.4.3/X.790

Manager role minimum conformance requirement

Index	Item	Status	Support	Additional information
1	Operations on the managed objects telecommunications trouble report or provider trouble report	c3		
2	State change notification for the managed objects	c4		
3	Object creation notification for the managed objects	c4		
4	Object deletion notification for the managed objects	c4		
5	Attribute value change notification for the managed objects	c4		
6	Processing error alarm notification for the managed objects	c4		
c3: if B0.4.2/1a or B.2/2a then m else (if B.1/1a then o.2 else –). c4: if B0.4.2/1a then m else [if B.2/2a then o.2 else (if B.1/1a then o.2 else –)]. NOTE – Manager role minimum conformance requires support for at least one of the items identified in this table. Support for any of the functional units identified in Table B0.4.2 mandates support for some of those items. Conditions c3 and c4 express both of these requirements.				

The supplier of the implementation shall specify support for management information in the agent role, in Table B0.4.4. If additional subclasses of trouble report objects are supported, the supplier of the implementation shall list the classes in the Additional information column.

TABLE B0.4.4/X.790

Agent role minimum conformance requirement

Index	Item	Status	Support	Additional information
1	TroubleReport managed object class	c5		
2	Subclasses of log records associated with notifications emitted by the Trouble Report managed object	c6		
3	Additional subclasses of log records	c7		
c5: if B0.4.1/2a then m else –. c6: if B0.4.1/2a and B0.4.5/1a then m else –. c7: if B0.4.1/2a then o else –. NOTE – Condition c6 makes it mandatory, if Trouble Reporting is supported, to support the event log records associated with the notifications supported.				

TABLE B0.4.5/X.790

Trouble Reporting

Index		Status	Support	Additional information
1	Does the implementation support reporting of trouble in agent role?	c8		
c8: if B.1/2a then o else –.				

The supplier of the implementation shall provide information on claims of conformance to any of the ITU-T Recommendations | International Standards summarized in Tables B0.4.6 to B0.4.9. For each ITU-T 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 B0.4.6 to B0.4.9, the Status column is used to indicate whether the supplier of the implementation is required to complete the referenced tables or referenced items. Conformance requirements are as specified in the referenced tables or referenced items and are not changed by the value of the MCS Status column. Similarly, the Support column is used by the supplier of the implementation to indicate completion of the referenced tables or referenced items.

TABLE B0.4.6/X.790

PICS support summary

Index	Identification of the document that includes the PICS proforma	Table numbers of PICS proforma	Description	Constraints and values	Status	Support	Table numbers of PICS	Additional information
1	CCITT Rec. X.730 (1992) ISO/IEC 10164-1:1993	Annex E, all tables	SM application context	OBJECT IDENTIFIER	m			

NOTE – Conformance to the MAPDUs defined in this Recommendation can be claimed by completing the corresponding tables in the MICS and MOCS annexes of the referenced ITU-T Recommendations | International Standards.

TABLE B0.4.7/X.790

MOCS support summary

Index	Identification of the document that includes the MOCS proforma	Table numbers of MOCS proforma	Description	Constraints and values	Status	Support	Table numbers of MOCS	Additional information
1	CCITT Rec. X.730 (1992) ISO/IEC 10164-1:1993	Annex C, all tables	objectCreation, objectDeletion and attributeValueChange records	–	c9			
2	CCITT Rec. X.731 (1992) ISO/IEC 10164-2:1993	Annex C, all tables	stateChange record	–	c9			
3	CCITT Rec. X.733 (1992) ISO/IEC 10164-4:1992	Annex C, all tables	alarmRecord	–	c9			
4	Rec. X.790	B1.1 - B1.10	account		o			
5	Rec. X.790	B2.1 - B2.10	cnmService		o			
6	Rec. X.790	B3.1 - B3.10	contact		o			
7	Rec. X.790	B4.1 - B4.10	providerTroubleReport		o			
8	Rec. X.790	B5.1 - B5.10	repairActivity		o			
9	Rec. X.790	B6.1 - B6.10	service		o			
10	Rec. X.790	B7.1 - B7.10	telecommunicationsTroubleReport		m			
11	Rec. X.790	B8.1 - B8.10	troubleHistoryRecord		o			
12	Rec. X.790	B9.1 - B9.10	troubleReportFormatDefn		o			
c9: if B.4/2a then m else –.								

TABLE B0.4.8/X.790

MRCS support summary

Index	Identification of the document that includes the MRCS proforma	Table numbers of MRCS proforma	Description	Constraints and values	Status	Support	Table numbers of MRCS	Additional information
1	Rec. X.790	B1.10	account-account		c:o.1			
2	Rec. X.790	B1.10	account-network		c:o.1			
3	Rec. X.790	B2.10	cnmService-account		c:o.2			
4	Rec. X.790	B3.10	contact-account		c:o.3			
5	Rec. X.790	B3.10	contact-network		c:o.3			
6	Rec. X.790	B3.10	contact-service		c:o.3			
7	Rec. X.790	B3.10	contact-system		c:o.3			
8	Rec. X.790	B4.10	providerTroubleReport-network		o			
9	Rec. X.790	B5.10	repairActivity-telecommunicationsTroubleReport		o			
10	Rec. X.790	B7.10	telecommunicationTroubleReport-account name binding	—	m			
11	Rec. X.790	B7.10	telecommunicationsTroubleReport-cnmService		m			
12	Rec. X.790	B7.10	telecommunicationTroubleReport-network name binding	—	m			
13	Rec. X.790	B3.10	telecommunicationsTroubleReport-system		m			
14	Rec. X.790	B3.10	troubleHistoryRecord-log		o			
15	Rec. X.790	B3.10	troubleReportFormatDefn-network		c:o.4			
16	Rec. X.790	B3.10	troubleReportFormatDefn-system		c:o.4			
c:o.1: One of these name bindings must be supported and if a functional unit requires it, then that name binding must also be supported. c:o.2: One of these name bindings must be supported and if a functional unit requires it, then that name binding must also be supported. c:o.3: One of these name bindings must be supported and if a functional unit requires it, then that name binding must also be supported. c:o.4: One of these name bindings must be supported and if a functional unit requires it, then that name binding must also be supported.								

Formulario MOCS⁵⁾

These tables are formatted according to ITU-T Rec. X.724 | ISO/IEC 10165-6 (“Requirements and guidelines for implementation conformance statement proformas associated with OSI management”).

The Managed Object Conformance Statement (MOCS) proformas that follow, should be used by an implementation to identify which features and properties of each managed object class are supported. These tables have been prepared without regard to manager or agent role, so they can be used in either situation. An implementation that supports both roles could either use one set of tables if all support details are the same, or a different set of tables for each role.

These tables were generated mechanically from the GDMO templates, with additions and clarifications added by hand.

These tables have columns for the “Base Status” and the “Profile Status”, where the entries are identical, allowing the tables to be used directly. Other profiles, such as an Ensemble, may modify these tables by replacing the “Profile Status” entries, using the normal rules for defining a profile.

Tables are numbered consistently for all classes, that is Table A.x.1 for Managed object class support, A.x.3 for Package support, etc. To preserve this numbering scheme, table numbers are allocated, even if a particular class does not have any of the corresponding properties.

B1 account

TABLE B1.1/X.790

account Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	account	{0 0 24 790 0 3 1}		

TABLE B1.2/X.790

account Actual class support

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

⁵⁾ **Comunicado sobre derechos de autor del formulario de MOCS**

Los usuarios de esta Recomendación pueden reproducir libremente el formulario de MOCS de este anexo a fin de que pueda ser utilizado para los fines previstos, y pueden además publicar el MOCS cumplimentado.

TABLE B1.3/X.790
account package support

Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information
1	aAccountContactAttributeListPkg	{0 0 24 790 0 4 1}	“an instance supports it and accountContactObjectListPkg is not present.”	c1		
2	aAccountContactObjectListPkg	{0 0 24 790 0 4 2}	“an instance supports it and accountContactAttributeListPkg is not present.”	c2		
3	accountPkg		Mandatory	m		
4	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphicPackage	{2 9 3 2 4 17}	“an instance supports allomorphism”	o		
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c3		
6	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		

TABLE B1.4/X.790
account Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	accountContactList	{0 0 24 790 0 7 1}	SET OF SEQUENCE	c1		c1	
2	accountName	{0 0 24 790 0 7 2}	GraphicString	m		m	
3	additionalText	{0 0 24 790 0 7 7}	GraphicString	m		m	
4	contactObjectPtrList	{0 0 24 790 0 7 31}	SET OF ObjectInstance	c2		c2	

TABLE B1.4/X.790 (continued)
Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	c1		c1		c1	
2	–		–		–	
3	m		–		–	
4	c2		c2		c2	

TABLE B1.4/X.790 (concluded)

Attribute support

Index	Set to default		Additional information
	Status	Support	
1	–		
2	–		
3	–		
4	–		

TABLE B1.5/X.790

account Attribute group support

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

TABLE B1.6/X.790

account Action support

(There are no actions specified for this managed object class.)

TABLE B1.7/X.790

account Notification support

(There are no notifications specified for this managed object class.)

TABLE B1.8/X.790

account Parameter support

(There are no parameters specified for this managed object class.)

TABLE B1.9/X.790

account Conditions

Condition number	Condition	Reference
c1	If B1.3/1 then m else –.	“an instance supports it and accountContactObjectListPkg is not present.”
c2	If B1.3/2 then m else –.	“an instance supports it and accountContactAttributeListPkg is not present.”
c3	If B1.3/5 then m else –.	“any registered package, other than this package has been instantiated.”
c:o.1	If B1.9/1 or B.9/2 then m else –.	At least one name binding must be supported and if a functional unit requires a particular namebinding then that must be supported.

TABLE B1.10/X.790

account Name Binding support

Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	account-account	{0 0 24 790 0 6 1}	Superior class: account	c:o.1			1.1
							1.2
							1.3
							1.4
							1.5
							1.6
2	account-network	{0 0 24 790 0 6 2}	Superior class: Rec. M.3100:1992: network AND SUBCLASSES	c:o.1			2.1
							2.2
							2.3
							2.4
							2.5
							2.6

TABLE B1.10/X.790 (concluded)

account Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		—		
	1.2	Create with reference object		—		
	1.3	Create with automatic instance naming		—		
	1.4	Delete support		—		
	1.5	Delete only if no contained objects		—		
	1.6	Delete contained objects		—		
2	2.1	Create support		—		
	2.2	Create with reference object		—		
	2.3	Create with automatic instance naming		—		
	2.4	Delete support		—		
	2.5	Delete only if no contained objects		—		
	2.6	Delete contained objects		—		

B2 cnmService

TABLE B2.1/X.790

cnmService Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	cnmService	{0 0 24 790 0 3 2}		

TABLE B2.2/X.790

cnmService Actual class support

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

TABLE B2.3/X.790

cnmService Package support

Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information
1	Rec. M.3100:1992: administrativeOperationalStatesPackage	{0 0 13 3100 0 41}	“an instance supports it.”	o		
2	alarmStatusPackage	{0 0 24 790 0 4 21}	“an instance supports it.”	o		
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphicPackage	{2 9 3 2 4 17}	“an instance supports allomorphism”	o		
4	Rec. M.3100:1992: attributeValueChange NotificationPackage	{0 0 13 3100 0 4 4}	“The attribute ValueChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”	c1		
5	cnmServicePkg	{0 0 24 790 0 4 2}	Mandatory	m		
6	Rec. M.3100:1992: createDeleteNotificationPackage	{0 0 13 3100 0 4 10}	“The objectCreation and objectDeletion notifications defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 are supported by an instance of this class.”	c2		
7	csServiceAliasPkg	{0 0 24 790 0 4 3}	“an instance supports it.”	o		
8	csTroubleReportForm atObjectPtrPkg	{0 0 24 790 0 4 4}	“an instance supports it.”	o		
9	Rec. M.3100:1992: currentProblemListPackage	{0 0 13 3100 0 4 13}	“an instance supports it.”	o		

TABLE B2.3/X.790 (concluded)

cnmService Package support

Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information
10	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c3		
11	servicePackage	(Not registered)	Mandatory	m		
12	Rec. M.3100:1992: stateChangeNotificationPackage	{0 0 13 3100 0 4 28}	“The stateChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”	c4		
13	supportedByObjectListPackage	{0 0 24 790 0 4 19}	“an instance supports it.”	o		
14	supportedServiceNameListPackage	{0 0 24 790 0 4 20}	“an instance supports it.”	o		
15	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
16	usageStatePackage	{0 0 24 790 0 4 22}	“an instance supports it.”	o		

TABLE B2.4/X.790

cnmService Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: administrativeStates	{2 9 3 2 7 31}	ENUMERATED	o		o	
2	Rec. M.3100:1992: alarmStatus	(Not registered)		–		o	
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
4	Rec. M.3100:1992: currentProblemList	(0 0 13 3100 0 7 17)	SET OF SEQUENCE	o		o	
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
6	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	
7	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o	

TABLE B2.4/X.790 (continued)

cnmService Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
8	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c3	
9	serviceAliasList	{0 0 24 790 0 7 82}	SET OF GraphicString	o		o	
10	serviceDescription	{0 0 24 790 0 7 83}	GraphicString	m		m	
11	serviceID	{0 0 24 790 0 7 85}		m		m	
12	serviceLocationList	{0 0 24 790 0 7 84}	SET OF SEQUENCE	m		m	
13	serviceType	{0 0 24 790 0 7 86}	CHOICE	m		m	
14	Rec. M.3100:1992: supportedByObjectList	(Not registered)		o		o	
15	supportedServiceNameList	{0 0 24 790 0 7 87}	ObjectList	o		o	
16	troubleReportFormatObjectPtr	{0 0 24 790 0 7 95}	ObjectInstance	o		o	
17	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: usageState	(Not registered)		–		o	

TABLE B2.4/X.790 (continued)

cnmService Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	–		–		–	
2	–		–		–	
3	–		–		–	
4			–		–	
5	–		–		–	
6			–		–	
7			–		–	
8			–		–	
9	–		–		–	
10	–		–		–	
11	–		–		–	
12	–		–		–	
13	m		–		–	
14	o		o		o	
15	o		o		o	
16	–		–		–	
17	–		–		–	

TABLE B2.4/X.790 (concluded)

cnmService Attribute support

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

TABLE B2.5/X.790

cnmService Attribute group support

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

TABLE B2.6/X.790

cnmService Action support

(There are no actions specified for this managed object class.)

TABLE B2.7/X.790

cnmService Notification support

					Support			
Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{2 9 3 2 10 1}		c1				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{2 9 3 2 10 6}		c2				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1
								2.1.2.1.2
								2.1.2.2
								2.1.3
								2.1.4

TABLE B2.7/X.790 (continued)

cnmService Notification support

					Support			
Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		c2				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1
								3.1.4.2
								3.1.4.2.1
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3

TABLE B2.7/X.790 (continued)

cnmService Notification support

					Support			
Index	Package template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
4	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: qualityofServiceAlarm	(Not registered)						
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: stateChange	{2 9 3 2 10 14}		c4				5.1
								5.1.1
								5.1.2
								5.1.2.1
								5.1.2.2
								5.1.3
								5.1.3.1
								5.1.3.1.1
								5.1.3.1.2
								5.1.3.2
								5.1.3.3
								5.1.4
								5.1.5
								5.1.5.1
								5.1.5.2
								5.1.5.2.1
								5.1.5.2.1.1
								5.1.5.2.1.2
								5.1.5.2.2
								5.1.5.2.3
								5.1.5.2.3.1
								5.1.5.2.3.2
								5.1.6
								5.1.7
								5.1.7.1
								5.1.7.2
								5.1.7.3

TABLE B2.7/X.790 (continued)

cnmService Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	c1		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	c:0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	c:m		
	1.1.3.1	attributeID	–	CHOICE	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.2		
	1.1.3.1.2	localForm	–	INTEGER	c:o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
	1.1.7	additionalInformation	{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		
2	2.1	ObjectInfo		Information Syntax SEQUENCE	c2		
	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 SEQUENCE	c:o		
	2.1.2.1	attributeID	–	CHOICE	c:m		
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		

TABLE B2.7/X.790 (continued)

cnmService Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	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	sourceObjectList	–	CHOICE	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	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	3.1	ObjectInfo		Information Syntax SEQUENCE	c2		
	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 SEQUENCE	c:o		
	3.1.2.1	attributrId	–	CHOICE	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6		
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	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	–	CHOICE	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
	3.1.6	additionalInformation	{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		

TABLE B2.7/X.790 (continued)

cnmService Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
4							
5	5.1	StateChangeInfo		Information Syntax SEQUENCE	c4		
	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 CHOICE	c:o		
	5.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.8		
	5.1.2.2	localForm	–	INTEGER	c:o.8		
	5.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
	5.1.3.1	attributeID	–	CHOICE	c:m		
	5.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.9		
	5.1.3.1.2	localForm	–	INTEGER	c:o.9		
	5.1.3.2	oldAttributeValue	–	ANY DEFINED By identifier	c:o		
	5.1.3.3	newAttributeValue	–	ANY DEFINED By identifier	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	–	CHOICE	c:o		
	5.1.5.2.1	DistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.10		
	5.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	5.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	5.1.5.2.2	nonSpecificForm	–	OCTET STRING	c:o.10		
	5.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.10		
	5.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	5.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	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		

TABLE B2.8/X.790

cnmService Parameter support

(There are no parameters specified for this managed object class.)

TABLE B2.9/X.790
cnmService Condition support

Condition number	Condition	Reference
c1	If B2.3/4 then m else –.	“The attribute ValueChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c2	If B2.3/6 then m else –.	“The objectCreation and objectDeletion notifications defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 are supported by an instance of this class.”
c3	If B2.3/10 then m else –.	“any registered package other than this has been instantiated”
c4	If B2.3/12 then m else –.	“The stateChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c:o.1		“One of these must be supported”
c:o.2		“One of these must be supported”
c:o.3		“One of these must be supported”
c:o.4		“One of these must be supported”
c:o.5		“One of these must be supported”
c:o.6		“One of these must be supported”
c:o.7		“One of these must be supported”
c:o.8		“One of these must be supported”
c:o.9		“One of these must be supported”
c:o.10		“One of these must be supported”

TABLE B2.10/X.790
cnmService Name Binding support

Index	Name binding template label	Value of object identifier for name binding	Constraints and values	Status	Support	Additional information	Subindex
1	cnmService-account	{0 0 24 790 0 6 7}	Superior class: account	m			1.1
							1.2
							1.3
							1.4
							1.5
							1.6

TABLE B2.10/X.790 (concluded)
cnmService Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		–		
	1.2	Create with reference object		–		
	1.3	Create with automatic instance naming		–		
	1.4	Delete support		–		
	1.5	Delete only if no contained objects		–		
	1.6	Delete contained objects		–		

B3 contact

TABLE B3.1/X.790

contact Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	contact	{0 0 24 790 0 3 3}		

TABLE B3.2/X.790

contact Actual class support

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

TABLE B3.3/X.790

contact 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}	“an instance supports allomorphism”	o		
2	Rec. M.3100:1992: attributeValueChange NotificationPackage	{0 0 13 3100 0 4 4}	“The attribute ValueChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”	m		
3	contactCompanyPkg	{0 0 24 790 0 4 5}	“an instance supports it ”	o		
4	contactFunctionPkg	{0 0 24 790 0 4 6}	“an instance supports it ”	o		
5	contactNamesPkg	{0 0 24 790 0 4 7}	“an instance supports it ”	o		
6	contactPkg	{0 0 24 790 0 4 12}	Mandatory	m		
7	contactTypePkg	{0 0 24 790 0 4 8}	“an instance supports it ”	o		
8	Rec. M.3100:1992: createDeleteNotificationPackage	{0 0 13 3100 0 4 10}	“The objectCreation and objectDeletion notifications defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 are supported by an instance of this class.”	m		
9	electronicMailAddress Pkg	{0 0 24 790 0 4 9}	“an instance supports it ”	o		

TABLE B3.3/X.790 (concluded)

contact Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
10	facsimileTelephoneNumberListPkg	{0 0 24 790 0 4 10}	“an instance supports it ”	o		
11	Rec. M.3100:1992: locationNamePackage	{0 0 24 790 0 4 17}	“an instance supports it ”	o		
12	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c1		
13	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
14	typeTextPkg	{0 0 24 790 0 4 11}	“an instance supports it ”	o		
15	Rec. M.3100:1992: userLabelPackage	{0 0 13 3100 0 4 32}	“an instance supports it ”	o		

TABLE B3.4/X.790

contact Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
2	contactCompany	{0 0 24 790 0 7 26}	GraphicString	o		o	
3	contactDetails	{0 0 24 790 0 7 27}	GraphicString	m		m	
4	contactFunction	{0 0 24 790 0 7 28}	ENUMERATED	o		o	
5	contactID	{0 0 24 790 0 7 29}	SimpleNameType	m		m	
6	contactNames	{0 0 24 790 0 7 30}	SET OF CHOICE	o		o	
7	contactType	{0 0 24 790 0 7 32}	BIT STRING	o		o	
8	electronicMailAddress	{0 0 24 790 0 7 37}	SET OF IA5String	o		o	
9	facsimileTelephoneNumberList	{0 0 24 790 0 7 41}	TelephoneNumberList	o		o	

TABLE B3.4/X.790 (continued)

contact Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
10	Rec. M.3100:1992: locationName	{0 0 24 790 0 4 27}	GraphicString	o		o	
11	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
12	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	
13	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c1	
14	TelephoneNumberList	(Not registered)		m		m	
15	typeText	{0 0 24 790 0 4 107}	IA5 STRING	o		o	
16	Rec. M.3100:1992: userLabelPackage	{0 0 13 3100 0 7 50}	GraphicString	o		o	

TABLE B3.4/X.790 (continued)

contact Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	–		–		–	
2	o		–		–	
3	m		–		–	
4	o		–		–	
5	–		–		–	
6	o		o		o	
7	o		–		–	
8	o		o		o	
9	o		o		o	
10	o		–		–	
11	–		–		–	
12	–		–		–	
13	–		–		–	
14	m		m		m	
15	o		–		–	
16	o		–		–	

TABLE B3.4/X.790 (concluded)

contact Attribute support

	Set to default		
Index	Status	Support	Additional information
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		
8	–		
9	–		
10	–		
11	–		
12	–		
13	–		
14	–		
15	–		
16	–		

TABLE B3.5/X.790

contact Attribute group support

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

TABLE B3.6/X.790

contact Action support

(There are no actions specified for this managed object class.)

TABLE B3.7/X.790

contact Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Non-con-firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{ 2 9 3 2 10 1 }		m				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{ 2 9 3 2 10 6 }		c2				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1
								2.1.2.1.2
								2.1.2.2
								2.1.3

TABLE B3.7/X.790 (continued)

contact Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								2.1.4
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		c2				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1
								3.1.4.2
								3.1.4.2.1
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3

TABLE B3.7/X.790 (continued)

contact Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Profile	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	m	m		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	0	0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	0	0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	m	m		
	1.1.3.1	attributeID	–	CHOICE	c:m	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	o.2	o.2		
	1.1.3.1.2	localForm	–	INTEGER	o.2	o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o	o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m	m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o	o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o	o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3	c:o.3		
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o	o		
	1.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o	o		
	1.1.7.1	identifier	–	OBJECT IDENTIFIER	c:m	c:m		
	1.1.7.2	significance	–	BOOLEAN	c:o	c:o		
	1.1.7.3	information	–	ANY DEFINED By identifier	c:m	c:m		

TABLE B3.7/X.790 (continued)

contact Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Profile	Support	Additional information
2	2.1	ObjectInfo		Information Syntax SEQUENCE	m	m		
	2.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o	o		
	2.1.2	attributeList	{2 9 3 2 7 9}	SET OF SEQUENCE	o	o		
	2.1.2.1	attributrId	–	CHOICE	c:m	c:m		
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o.4	c:o.4		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m	c:m		
	2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o	o		
	2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o	o		
	2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m	c:m		
	2.1.4.2	sourceObjectList	–	CHOICE	c:o	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o.5	c:o.5		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m	c:m		
	2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o	o		
	2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o	o		
	2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m	c:m		
	2.1.6.2	significance	–	BOOLEAN	c:o	c:o		
	2.1.6.3	information	–	ANY DEFINED By identifier	c:m	c:m		
3	3.1	ObjectInfo		Information Syntax SEQUENCE	m	m		
	3.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	o	o		
	3.1.2	attributeList	{2 9 3 2 7 9}	SET OF SEQUENCE	o	o		
	3.1.2.1	attributrId	–	CHOICE	c:m	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6	c:o.6		
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m	c:m		

TABLE B3.7/X.790 (continued)

contact Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Profile	Support	Additional information
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m	c:m		
	3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o	o		
	3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o	o		
	3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m	c:m		
	3.1.4.2	sourceObjectInst	–	CHOICE	c:o	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7	c:o.7		
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o	o		
	3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o	o		
	3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m	c:m		
	3.1.6.2	significance	–	BOOLEAN	c:o	c:o		
	3.1.6.3	information	–	ANY DEFINED By identifier	c:m	c:m		

TABLE B3.8/X.790

contact Parameter support

(There are no parameters specified for this managed object class.)

TABLE B3.9/X.790
contact Condition support

Condition number	Condition	Reference
c1	If B3.3/12 then m else –.	“any registered package other than this has been instantiated”
c2		“The objectCreation and objectDeletion notifications defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: are supported by an instance of this class.”
c:o.1		At least one name binding must be supported and if a functional unit requires a particular namebinding, then that must be supported.
c:o.2		At least one notification field must be supported
c:o.3		At least one notification field must be supported
c:o.4		At least one notification field must be supported
c:o.5		At least one notification field must be supported
c:o.6		At least one notification field must be supported
c:o.7		At least one notification field must be supported

TABLE B3.10/X.790
contact Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	contact-account	{0 0 24 790 0 6 3}	Superior class: account	m			1.1
							1.2
							1.3
							1.4
							1.5
							1.6
2	contact-network	{0 0 24 790 0 6 4}	Superior class: Rec. M.3100:1992: network AND SUBCLASSES	c:o.1			2.1
							2.2
							2.3
							2.4
							2.5
							2.6
3	contact-service	{0 0 24 790 0 6 5}	Superior class: service	c:o.1			3.1
							3.2
							3.3
							3.4
							3.5
							3.6

TABLE B3.10/X.790 (continued)

contact Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
4	contact-system	{0 0 24 790 0 6 6}	Superior class: CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: system	c:o.1			4.1
							4.2
							4.3
							4.4
							4.5
							4.6

TABLE B3.10/X.790 (continued)

contact Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Profile	Support	Additional information
1	1.1	Create support		–	–		
	1.2	Create with reference object		–	–		
	1.3	Create with automatic instance naming		–	–		
	1.4	Delete support		–	–		
	1.5	Delete only if no contained objects		–	–		
	1.6	Delete contained objects		–	–		
2	2.1	Create support		–	–		
	2.2	Create with reference object		–	–		
	2.3	Create with automatic instance naming		–	–		
	2.4	Delete support		–	–		
	2.5	Delete only if no contained objects		–	–		
	2.6	Delete contained objects		–	–		
3	3.1	Create support		–	–		
	3.2	Create with reference object		–	–		
	3.3	Create with automatic instance naming		–	–		

TABLE B3.10/X.790 (concluded)

contact Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Profile	Support	Additional information
	3.4	Delete support		–	–		
	3.5	Delete only if no contained objects		–	–		
	3.6	Delete contained objects		–	–		
4	4.1	Create support		–	–		
	4.2	Create with reference object		–	–		
	4.3	Create with automatic instance naming		–	–		
	4.4	Delete support		–	–		
	4.5	Delete only if no contained objects		–	–		
	4.6	Delete contained objects		–	–		

B4 providerTroubleReport

TABLE B4.1/X.790

providerTroubleReport Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	providerTroubleReport	{0 0 24 790 0 3 4}		

TABLE B4.2/X.790

providerTroubleReport Actual class support

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

TABLE B4.3/X.790
providerTroubleReport Package support

Index	Package template label	Value of object identifier for attribute	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}	“an instance supports allomorphism”	o		
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c1		
3	providerTroubleReportPkg		Mandatory	m		
4	ptrUnavailableServicePtrPkg	{0 0 24 790 0 4 13}	“an instance supports it and if a service is impacted”	c2		
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
6	trActivityDurationPkg	{0 0 24 790 0 4 86}	“an instance supports it.”	o		
7	trAgentContactPersonAttributePkg	{0 0 24 790 0 4 87}	“an instance supports it and trAgentContactPersonObjectPkg is not present.”	c3		
8	trAgentContactPersonObjectPkg	{0 0 24 790 0 4 88}	“an instance supports it and trAgentContactPersonAttributePkg is not present.”	c4		
9	trAttributeValueChangeEventPkg	{0 0 24 790 0 4 14}	Mandatory	m		
10	trCloseOutNarrPkg	{0 0 24 790 0 4 89}	“an instance supports it.”	o		
11	trHistoryEventPkg	{0 0 24 790 0 4 99}	“an instance supports it.”	o		
12	trManagedObjectInstanceAliasListPkg	{0 0 24 790 0 4 90}	“an instance supports it.”	o		
13	trObjectCreationDeletionPkg	{0 0 24 790 0 4 15}	Mandatory	m		
14	trRelatedTroubleReportListPkg	{0 0 24 790 0 4 92}	“an instance supports it.”	o		
15	trRepairActivityListPkg	{0 0 24 790 0 4 93}	“an instance supports it and no RepairActivity object is contained in an instance of this object class or its subclasses.”	c5		
16	trRestoredTimePkg	{0 0 24 790 0 4 94}	“an instance supports it.”	o		
17	trTroubleClearancePersonAttributePkg	{0 0 24 790 0 4 95}	“an instance supports it.”	o		
18	trTroubleReportFormalObjectPtrPkg	{0 0 24 790 0 4 96}	“an instance supports it.”	o		
19	troubleReportPkg	(Not registered)	Mandatory	m		
20	x790AttributeValueChangeEventPkg	{0 0 24 790 0 4 97}	“an instance supports it.”	o		
21	x790NumberListPkg	{0 0 24 790 0 4 91}	“an instance supports it.”	o		

TABLE B4.4/X.790
providerTroubleReport Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	activityDuration	{0 0 24 790 0 7 4}	SET OF SEQUENCE	–		o	
2	additionalTroubleInfoList	{0 0 24 790 0 7 8}	SET OF GraphicString	m		m	
3	agentContactObjectPtr	{0 0 24 790 0 7 12}	CHOICE	c4		c4	
4	agentContactPerson	{0 0 24 790 0 7 11}	SEQUENCE	c3		c3	
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
6	beginTime	{0 0 24 790 0 7 19}	GeneralizedTime	m		m	
7	closeOutNarr	{0 0 24 790 0 7 23}	GraphicString	o		o	
8	endTime	{0 0 24 790 0 7 38}	GeneralizedTime	m		m	
9	managedObjectInstance	{0 0 24 790 0 7 63}	ObjectInstance	m		m	
10	managedObjectInstanceAliasList	{0 0 24 790 0 7 64}	SET OF GraphicString	o		o	
11	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
12	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	
13	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c1	
14	receivedTime	{0 0 24 790 0 7 74}	GeneralizedTime	m		m	
15	relatedTroubleReportList	{0 0 24 790 0 7 75}	SET OF ObjectInstance	o		o	
16	repairActivityList	{0 0 24 790 0 7 77}	SET OF SEQUENCE	c5		c5	
17	restoredTime	{0 0 24 790 0 7 81}	CHOICE	o		o	
18	troubleClearancePerson	{0 0 24 790 0 7 90}	SEQUENCE	o		o	
19	troubleFound	{0 0 24 790 0 7 92}	CHOICE	m		m	
20	troubleLocation	{0 0 24 790 0 7 93}	CHOICE	m		m	
21	troubleReportFormatObjectPtr	{0 0 24 790 0 7 95}	ObjectInstance	x		o	
22	troubleReportID	{0 0 24 790 0 7 97}	GraphicString	m		m	
23	troubleReportNumberList	{0 0 24 790 0 7 100}	SET OF GraphicString	o		o	
24	troubleReportState	{0 0 24 790 0 7 101}	INTEGER	m		m	
25	troubleReportStatus	{0 0 24 790 0 7 102}	CHOICE	m		m	
26	troubleReportStatusTime	{0 0 24 790 0 7 103}	GeneralizedTime	m		m	
27	troubleType	{0 0 24 790 0 7 105}	CHOICE	m		m	
28	unavailableServicePtr	{0 0 24 790 0 7 108}	CHOICE	c2		c2	

TABLE B4.4/X.790 (continued)

providerTroubleReport Attribute support

	Replace		Add		Remove	
Index	Status	Support	Status	Support	Status	Support
1	–		o		–	
2	–		m		–	
3	–		–		–	
4	–		–		–	
5	–		–		–	
6	–		–		–	
7	o		–		–	
8	–		–		–	
9	–		–		–	
10	–		–		–	
11	–		–		–	
12	–		–		–	
13	–		–		–	
14	–		–		–	
15	–		–		–	
16	–		c5		–	
17	o		–		–	
18	o		–		–	
19	m		–		–	
20	–		–		–	
21	–		–		–	
22	–		–		–	
23	–		–		–	
24	m		–		–	
25	m		–		–	
26	–		–		–	
27	–		–		–	
28	–		–		–	

TABLE B4.4/X.790 (concluded)

providerTroubleReport Attribute support

	Set to default		
Index	Status	Support	Additional information
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		
8	–		
9	–		
10	–		
11	–		
12	–		
13	–		
14	–		
15	–		
16	–		
17	–		
18	–		
19	–		
20	–		
21	–		
22	–		
23	–		
24	–		
25	–		
26	–		
27	–		
28	–		

TABLE B4.5/X.790
providerTroubleReport Attribute group support

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

TABLE B4.6/X.790
providerTroubleReport Action support

(There are no actions specified for this managed object class.)

TABLE B4.7/X.790
providerTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{2 9 3 2 10 1}		m				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3

TABLE B4.7/X.790 (continued)
providerTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{2 9 3 2 10 6}		m				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1
								2.1.2.1.2
								2.1.2.2
								2.1.3
								2.1.4
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		m				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1

TABLE B4.7/X.790 (continued)

providerTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								3.1.4.2
								3.1.4.2.1
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3
4	troubleHistoryEvent Notification	{0 0 24 790 0 10 1}		o				4.1
								4.1.1
								4.1.2
								4.1.3
								4.1.3.1
								4.1.3.2
								4.1.4
								4.1.4.1
								4.1.4.1.1
								4.1.4.1.2
								4.1.4.1.3
								4.1.4.1.4
								4.1.4.1.5
								4.1.4.2
								4.1.4.3
								4.1.5
								4.1.6
								4.1.6.1
								4.1.6.2
								4.1.6.3
								4.1.6.4
								4.1.6.4.1

TABLE B4.7/X.790 (continued)

providerTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								4.1.6.4.2
								4.1.6.4.3
								4.1.6.4.4
								4.1.6.4.4.1
								4.1.6.4.4.2
								4.1.6.4.4.3
								4.1.6.4.4.4
								4.1.6.4.5
								4.1.6.4.6
								4.1.6.4.7
								4.1.7
								4.1.8
								4.1.9
								4.1.10
								4.1.10.1
								4.1.10.2
								4.1.11
								4.1.12
								4.1.12.1
								4.1.12.2
								4.1.13
								4.1.14
								4.1.14.1
								4.1.14.2
								4.1.14.3
								4.1.14.4
								4.1.14.4.1
								4.1.14.4.2
								4.1.14.4.3
								4.1.14.4.4
								4.1.14.5
								4.1.14.6
								4.1.14.7
								4.1.15
								4.1.16
								4.1.16.1
								4.1.16.2

TABLE B4.7/X.790 (continued)

providerTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	m		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	m		
	1.1.3.1	attributeID	–	CHOICE	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.2		
	1.1.3.1.2	localForm	–	INTEGER	c:o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	1.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	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		

TABLE B4.7/X.790 (continued)

providerTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	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 SEQUENCE	o		
	2.1.2.1	attributrId	–	CHOICE	c:m		
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o.4		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	2.1.4.2	sourceObjectList	–	CHOICE	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o.5		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	2.1.6.2	significance	–	BOOLEAN	c:o		
	2.1.6.3	information	–	ANY DEFINED By identifier	c:m		
3	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 SEQUENCE	o		
	3.1.2.1	attributrId	–	CHOICE	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6		
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		

TABLE B4.7/X.790 (continued)
providerTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	3.1.4.2	sourceObjectInst	–	CHOICE	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	3.1.6.2	significance	–	BOOLEAN	c:o		
	3.1.6.3	information	–	ANY DEFINED By identifier	c:m		
4	4.1	TroubleHistoryInfo		Information Syntax SEQUENCE	o		
	4.1.1	managedObjectInstance	–	ObjectInstance	c:m		
	4.1.2	receivedTime	–	GeneralizedTime	c:m		
	4.1.3	troubleFound	–	CHOICE	c:m		
	4.1.3.1	number	–	INTEGER	c:o.8		
	4.1.3.2	identifier	–	OBJECT IDENTIFIER	c:o.8		
	4.1.4	activityDuration	–	SET OF SEQUENCE	c:o		
	4.1.4.1	duration	–	SEQUENCE	c:m		
	4.1.4.1.1	day	–	INTEGER	c:o		
	4.1.4.1.2	hour	–	INTEGER	c:o		
	4.1.4.1.3	minute	–	INTEGER	c:o		
	4.1.4.1.4	second	–	INTEGER	c:o		
	4.1.4.1.5	msec	–	INTEGER	c:o		
	4.1.4.2	billable	–	BOOLEAN	c:o		
	4.1.4.3	type	–	BIT STRING	c:o		
	4.1.5	additionalTroubleInfoList	–	SET OF GraphicString	c:o		
	4.1.6	authorizationList	–	SET OF SEQUENCE	c:o		
	4.1.6.1	state	–	ENUMERATED	c:m		
	4.1.6.2	type	–	BIT STRING	c:m		
	4.1.6.3	authTime	–	GeneralizedTime	c:o		
	4.1.6.4	authPerson	–	SEQUENCE	c:o		
	4.1.6.4.1	number	–	GraphicString	c:o		

TABLE B4.7/X.790 (concluded)

providerTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	4.1.6.4.2	name	—	GraphicString	c:o		
	4.1.6.4.3	phone	—	GraphicString	c:o		
	4.1.6.4.4	loc	—	SEQUENCE	c:o		
	4.1.6.4.4.1	civicAddress	—	GraphicString	c:m		
	4.1.6.4.4.2	city	—	GraphicString	c:m		
	4.1.6.4.4.3	state	—	GraphicString	c:m		
	4.1.6.4.4.4	zip	—	GraphicString	c:m		
	4.1.6.4.5	email	—	GraphicString	c:o		
	4.1.6.4.6	fax	—	GraphicString	c:o		
	4.1.6.4.7	respon	—	GraphicString	c:o		
	4.1.7	cancelRequestedByManager	—	BOOLEAN	c:o		
	4.1.8	closeOutNarr	—	GraphicString	c:o		
	4.1.9	closeOutVerification	—	ENUMERATED	c:o		
	4.1.10	commitmentTime	—	CHOICE	c:o		
	4.1.10.1	onsiteTime	—	GeneralizedTime	c:o.9		
	4.1.10.2	clearedTime	—	GeneralizedTime	c:o.9		
	4.1.11	custTroubleTickNum	—	GraphicString	c:o		
	4.1.12	perceivedTroubleSeverity	—	CHOICE	c:o		
	4.1.12.1	number	—	INTEGER	c:o.10		
	4.1.12.2	identifier	—	OBJECT IDENTIFIER	c:o.10		
	4.1.13	restoredTime	—	GeneralizedTime	c:o		
	4.1.14	troubleClearancePerson	—	SEQUENCE	c:o		
	4.1.14.1	number	—	GraphicString	c:o		
	4.1.14.2	name	—	GraphicString	c:o		
	4.1.14.3	phone	—	GraphicString	c:o		
	4.1.14.4	loc	—	SEQUENCE	c:o		
	4.1.14.4.1	civicAddress	—	GraphicString	c:m		
	4.1.14.4.2	city	—	GraphicString	c:m		
	4.1.14.4.3	state	—	GraphicString	c:m		
	4.1.14.4.4	zip	—	GraphicString	c:m		
	4.1.14.5	email	—	GraphicString	c:o		
	4.1.14.6	fax	—	GraphicString	c:o		
	4.1.14.7	respon	—	GraphicString	c:o		
	4.1.15	troubleReportNumberList	—	SET OF GraphicString	c:o		
	4.1.16	troubleType	—	CHOICE	c:o		
	4.1.16.1	number	—	INTEGER	c:o.11		
	4.1.16.2	identifier	—	OBJECT IDENTIFIER	c:o.11		

TABLE B4.8/X.790

providerTroubleReport Parameter support

(There are no parameters specified for this managed object class.)

TABLE B4.9/X.790

providerTroubleReport Conditions

Condition number	Condition	Reference
c1	If B4.3/2 then m else –.	“any registered package other than this has been instantiated”
c2	If B4.3/4 then m else –.	“an instance supports it and if a service is impacted”
c3	If B4.3/7 then m else –.	“an instance supports it and trAgentContactPersonObjectPkg is not present.”
c4	If B4.3/8 then m else –.	“an instance supports it and trAgentContactPersonAttributePkg is not present.”
c5	If B4.3/12 then m else –.	“an instance supports it and no RepairActivity object is contained in an instance of this object class or its subclasses.”
c:o.1		At least one notification field must be supported
c:o.2		At least one notification field must be supported
c:o.3		At least one notification field must be supported
c:o.4		At least one notification field must be supported
c:o.5		At least one notification field must be supported
c:o.6		At least one notification field must be supported
c:o.7		At least one notification field must be supported
c:o.8		At least one notification field must be supported
c:o.9		At least one notification field must be supported
c:o.10		At least one notification field must be supported
c:o.11		At least one notification field must be supported

TABLE B4.10/X.790

providerTroubleReport Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	providerTroubleReport-network	{0 0 24 790 0 6 19}	Superior class: Rec. M.3100:1992: network AND SUBCLASSES	o			1.1
							1.2
							1.3
							1.4
							1.5
							1.6

TABLE B4.10/X.790 (concluded)

providerTroubleReport Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		–		
	1.2	Create with reference object		–		
	1.3	Create with automatic instance naming		–		
	1.4	Delete support		–		
	1.5	Delete only if no contained objects		–		
	1.6	Delete contained objects		–		

B5 repairActivity

TABLE B5.1/X.790

repairActivity Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	repairActivity	{0 0 24 790 0 3 5}		

TABLE B5.2/X.790

repairActivity Actual class support

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

TABLE B5.3/X.790
repairActivity 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}	“an instance supports allomorphism”	o		
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c1		
3	raActivityCodePkg	{0 0 24 790 0 4 17}	“an instance supports it.”	o		
4	raActivityPersonPkg	{0 0 24 790 0 4 16}	“an instance supports it.”	o		
5	raObjectCreationPkg	{0 0 24 790 0 4 18}	“an instance supports it.”	o		
6	repairActivityPkg		Mandatory	m		
7	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		

TABLE B5.4/X.790
repairActivity Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	activityCode	{0 0 24 790 0 7 3}	CHOICE	–		o	
2	activityInfo	{0 0 24 790 0 7 5}	GraphicString	–		m	
3	activityPerson	{0 0 24 790 0 7 6}	SEQUENCE	–		o	
4	CCITT Rec. X.721 (1992) ISO/IEC 10165-2: 1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
5	entryTime	{0 0 24 790 0 7 39}	GeneralizedTime	–		m	
6	CCITT Rec. X.721 (1992) ISO/IEC 10165-2: 1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
7	CCITT Rec. X.721 (1992) ISO/IEC 10165-2: 1992: objectClass	{2 9 3 2 7 65}	CHOICE			m	
8	CCITT Rec. X.721 (1992) ISO/IEC 10165-2: 1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c2	
9	repairActivityID	{0 0 24 790 0 7 76}	INTEGER	–		m	

TABLE B5.4/X.790 (continued)

repairActivity Attribute support

	Replace		Add		Remove	
Index	Status	Support	Status	Support	Status	Support
1	o		–		–	
2	–		–		–	
3	–		–		–	
4	–		–		–	
5	–		–		–	
6	–		–		–	
7	–		–		–	
8	–		–		–	
9	–		–		–	

TABLE B5.4/X.790 (concluded)

repairActivity Attribute support

	Set to default		
Index	Status	Support	Additional information
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		
8	–		
9	–		

TABLE B5.5/X.790

repairActivity Attribute group support

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

TABLE B5.6/X.790
repairActivity Action support

(There are no actions specified for this managed object class.)

TABLE B5.7/X.790
repairActivity Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2: 1992 objectCreation	{2 9 3 2 10 6}		o				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.1.1
								1.1.2.1.2
								1.1.2.2
								1.1.3
								1.1.4
								1.1.4.1
								1.1.4.2
								1.1.4.2.1
								1.1.4.2.1.1
								1.1.4.2.1.2
								1.1.4.2.2
								1.1.4.2.3
								1.1.4.2.3.1
								1.1.4.2.3.2
								1.1.5
								1.1.6
								1.1.6.1
								1.1.6.2
								1.1.6.3

TABLE B5.7/X.790 (continued)
repairActivity Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	ObjectInfo		Information Syntax SEQUENCE	o		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:o		
	1.1.2	attributeList	{2 9 3 2 7 9}	SET OF SEQUENCE	c:o		
	1.1.2.1	attributrId	–	CHOICE	c:m		
	1.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.1.2	localForm	–	INTEGER	c:o.1		
	1.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	1.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
	1.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:o		
	1.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.4.2	sourceObjectList	–	CHOICE	c:o		
	1.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.2		
	1.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	1.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.2		
	1.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
	1.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c:o		
	1.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	1.1.6.2	significance	–	BOOLEAN	c:o		
	1.1.6.3	information	–	ANY DEFINED By identifier	c:m		

TABLE B5.8/X.790
repairActivity Parameter support

(There are no parameters specified for this managed object class.)

TABLE B5.9/X.790

repairActivity Condition support

Condition number	Condition	Reference
c1	If B5.3/2 then m else –.	“any registered package, other than this package has been instantiated”
c2	If B5.4/8 then m else –.	“any registered package, other than this package has been instantiated”
c:o.1		At least one notification field must be supported
c:o.2		At least one notification field must be supported

TABLE B5.10/X.790

repairActivity Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	repairActivity-telecommunicationsTroubleReport	{0 0 24 790 0 6 15}	Superior class: telecommunicationsTroubleReport	o			1.1
							1.2
							1.3
							1.4
							1.5
							1.6

TABLE B5.10/X.790 (concluded)

repairActivity Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		–		
	1.2	Create with reference object		–		
	1.3	Create with automatic instance naming		–		
	1.4	Delete support		–		
	1.5	Delete only if no contained objects		–		
	1.6	Delete contained objects		–		

B6 service

TABLE B6.1/X.790

service Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	service	{0 0 24 790 0 3 6}		

TABLE B6.2/X.790

service Actual class support

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

TABLE B6.3/X.790

service Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
1	Rec. M.3100:1992: administrativeOperationalStatesPackage	{0 0 13 3100 0 41}	“an instance supports it.”	o		
2	alarmStatusPackage	{0 0 24 790 0 4 21}	“an instance supports it.”	o		
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphicPackage	{2 9 3 2 4 17}	“an instance supports allomorphism”	o		
4	Rec. M.3100:1992: attributeValueChange NotificationPackage	{0 0 13 3100 0 4 4}	“The attribute ValueChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”	c1		
5	Rec. M.3100:1992: createDeleteNotificationPackage	{0 0 13 3100 0 4 10}	“The objectCreation and objectDeletion notifications defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 are supported by an instance of this class.”	c2		
6	Rec. M.3100:1992: currentProblemListPackage	{0 0 13 3100 0 4 13}	“an instance supports it.”	o		

TABLE B6.3/X.790 (concluded)

service Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
7	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c3		
8	servicePackage	(Not registered)	Mandatory	m		
9	Rec. M.3100:1992: stateChangeNotificationPackage	{0 0 13 3100 0 4 28}	“The stateChange notification defined in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”	c4		
10	supportedByObjectListPackage	{0 0 24 790 0 4 19}	“an instance supports it.”	o		
11	supportedServiceNameListPackage	{0 0 24 790 0 4 20}	“an instance supports it.”	o		
12	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
13	usageStatePackage	{0 0 24 790 0 4 22}	“an instance supports it.”	o		

TABLE B6.4/X.790

service Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: administrativeStates	{2 9 3 2 7 31}	ENUMERATED	o		o	
2	Rec. M.3100:1992: alarmStatus	(Not registered)		–		o	
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
4	Rec. M.3100:1992: currentProblemList	(0 0 13 3100 0 7 17)	SET OF SEQUENCE	o		o	
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
6	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	

TABLE B6.4/X.790 (continued)

service Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
7	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: operationalState	{2 9 3 2 7 35}	ENUMERATED	–		o	
8	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c3	
9	serviceID	{0 0 24 790 0 7 85}		m		m	
10	serviceType	{0 0 24 790 0 7 86}	CHOICE	m		m	
11	Rec. M.3100:1992: supportedByObjectList	(Not registered)		o		o	
12	supportedServiceNameList	{0 0 24 790 0 7 87}	ObjectList	o		o	
13	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: usageState	(Not registered)		–		o	

TABLE B6.4/X.790 (continued)

service Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	o		–		–	
2	–		–		–	
3	–		–		–	
4	–		–		–	
5	–		–		–	
6	–		–		–	
7	–		–		–	
8	–		–		–	
9	–		–		–	
10	m		–		–	
11	o		o		o	
12	o		o		o	
13	–		–		–	

TABLE B6.4/X.790 (*concluded*)**service Attribute support**

	Set to default		
Index	Status	Support	Additional information
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		
8	–		
9	–		
10	–		
11	–		
12	–		
13	–		

TABLE B6.5/X.790

service Attribute group support

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

TABLE B6.6/X.790

service Action support

(There are no actions specified for this managed object class.)

TABLE B6.7/X.790
service Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{2 9 3 2 10 1}		c1				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{2 9 3 2 10 6}		c2				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1
								2.1.2.1.2

TABLE B6.7/X.790 (continued)

service Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								2.1.2.2
								2.1.3
								2.1.4
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		c2				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1
								3.1.4.2
								3.1.4.2.1

TABLE B6.7/X.790 (continued)

service Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3
4	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: qualityofServiceAla rm	(Not registered)						
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: stateChange	{2 9 3 2 10 14}		c4				5.1
								5.1.1
								5.1.2
								5.1.2.1
								5.1.2.2
								5.1.3
								5.1.3.1
								5.1.3.1.1
								5.1.3.1.2
								5.1.3.2
								5.1.3.3
								5.1.4
								5.1.5
								5.1.5.1
								5.1.5.2
								5.1.5.2.1
								5.1.5.2.1.1
								5.1.5.2.1.2

TABLE B6.7/X.790 (continued)

service Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Non-con-firmed	Additional information	Subindex
								5.1.5.2.2
								5.1.5.2.3
								5.1.5.2.3.1
								5.1.5.2.3.2
								5.1.6
								5.1.7
								5.1.7.1
								5.1.7.2
								5.1.7.3

TABLE B6.7/X.790 (continued)

service Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	c1		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	c:0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	c:0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	c:m		
	1.1.3.1	attributeID	–	CHOICE	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.2		
	1.1.3.1.2	localForm	–	INTEGER	c:o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	c:o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	c:m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	c:o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c:o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		

TABLE B6.7/X.790 (continued)

service Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
	1.1.7	additionalInformation	{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		
2	2.1	ObjectInfo		Information Syntax SEQUENCE	c2		
	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 SEQUENCE	c:o		
	2.1.2.1	attributrId	–	CHOICE	c:m		
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	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	sourceObjectList	–	CHOICE	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	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		

TABLE B6.7/X.790 (continued)

service Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
3	3.1	ObjectInfo		Information Syntax SEQUENCE	c2		
	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 SEQUENCE	c:o		
	3.1.2.1	attributrId	–	CHOICE	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6		
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	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	–	CHOICE	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	c:o		
	3.1.6	additionalInformation	{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					m		
5	5.1	StateChangeInfo		Information Syntax SEQUENCE	c4		
	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 CHOICE	c:o		
	5.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.8		
	5.1.2.2	localForm	–	INTEGER	c:o.8		

TABLE B6.7/X.790 (concluded)

service Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	5.1.3	stateChangeDefinition	{2 9 3 2 7 28}	SET OF SEQUENCE	c:m		
	5.1.3.1	attributeID	–	CHOICE	c:m		
	5.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.9		
	5.1.3.1.2	localForm	–	INTEGER	c:o.9		
	5.1.3.2	oldAttributeValue	–	ANY DEFINED By identifier	c:o		
	5.1.3.3	newAttributeValue	–	ANY DEFINED By identifier	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	–	CHOICE	c:o		
	5.1.5.2.1	DistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.10 o		
	5.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	5.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	5.1.5.2.2	nonSpecificForm	–	OCTET STRING	c:o.10		
	5.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.10		
	5.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	5.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	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		

TABLE B6.8/X.790

service Parameter support

(There are no parameters specified for this managed object class.)

TABLE B6.9/X.790

service Condition support

Condition number	Condition	Reference
c1	If B6.3/4 then m else –.	“an attributeValueChange notification identified in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c2	If B6.3/5 then m else –.	“the objectCreation and objectDeletion notifications identified in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c3	If B6.3/7 then m else –.	“any registered package, other than this package has been instantiated.”
c4	If B6.3/9 then m else –.	“The stateChange notification identified in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c:o.1		At least one notification field must be supported
c:o.2		At least one notification field must be supported
c:o.3		At least one notification field must be supported
c:o.4		At least one notification field must be supported
c:o.5		At least one notification field must be supported
c:o.6		At least one notification field must be supported
c:o.7		At least one notification field must be supported
c:o.8		At least one notification field must be supported
c:o.9		At least one notification field must be supported
c:o.10		At least one notification field must be supported

TABLE B6.10/X.790

service Name Binding support

(There are no name bindings specified for this managed object class.)

B7 telecommunicationsTroubleReport

TABLE B7.1/X.790

telecommunicationsTroubleReport Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	telecommunicationsTroubleReport	{0 0 24 790 0 3 7}		

TABLE B7.2/X.790

telecommunicationsTroubleReport Actual class support

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

TABLE B7.3/X.790

telecommunicationsTroubleReport 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}	“an instance supports allomorphism”	o		
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c1		
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
4	trALocationAccessHoursPkg	{0 0 24 790 0 4 47}	“an instance supports it.”	o		
5	trALocationAccessPersonPkg	{0 0 24 790 0 4 49}	“an instance supports it.”	o		
6	trALocationPkg	{0 0 24 790 0 4 45}	“an instance supports it.”	o		
7	trActivityDurationPkg	{0 0 24 790 0 4 86}	“an instance supports it.”	o		
8	trAfterHrsRepairAuthPkg	{0 0 24 790 0 4 23}	“an instance supports it and trAuthorizationListPkg is not present.”	c2		

TABLE B7.3/X.790 (continued)

telecommunicationsTroubleReport Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
9	trAgentContactPersonAttributePkg	{0 0 24 790 0 4 87}	“an instance supports it and trAgentContactPersonObjectPkg is not present.”	c3		
10	trAgentContactPersonObjectPkg	{0 0 24 790 0 4 88}	“an instance supports it and trAgentContactPersonAttributePkg is not present.”	c4		
11	trAlarmRecordPtrListPkg	{0 0 24 790 0 4 24}	“an instance supports it.”	o		
12	trAlternateManagerContactPersonAttributePkg	{0 0 24 790 0 4 25}	“an instance supports it and trAlternateManagerContactPersonObjectPkg is not present.”	c5		
13	trAlternateManagerContactPersonObjectPkg	{0 0 24 790 0 4 26}	“an instance supports it and trAlternateManagerContactPersonAttributePkg is not present.”	c6		
14	trAuthorizationListPkg	{0 0 24 790 0 4 27}	“an instance supports it and trAfterHrsRepairAuthPkg is not present.”	c7		
15	trCallBackInfoListPkg	{0 0 24 790 0 4 28}	“an instance supports it.”	o		
16	trCalledNumberPkg	{0 0 24 790 0 4 29}	“an instance supports it.”	o		
17	trCancelRequestedByManagerPkg	{0 0 24 790 0 4 30}	“an instance supports it.”	o		
18	trCloseOutNarrPkg	{0 0 24 790 0 4 89}	“an instance supports it.”	o		
19	trCloseOutVerificationPkg	{0 0 24 790 0 4 31}	“an instance supports it.”	o		
20	trCommitmentTimePkg	{0 0 24 790 0 4 32}	“an instance supports it.”	o		
21	trCommitmentTimeRequestPkg	{0 0 24 790 0 4 33}	“an instance supports it.”	o		
22	trCustTroubleTickNumPkg	{0 0 24 790 0 4 35}	“an instance supports it.”	o		
23	trCustomerWorkCenterPkg	{0 0 24 790 0 4 34}	“an instance supports it.”	o		
24	trDialogPkg	{0 0 24 790 0 4 36}	“an instance supports it.”	o		
25	trEscalationListPkg	{0 0 24 790 0 4 37}	“an instance supports it.”	o		
26	trHandOffCenterPkg	{0 0 24 790 0 4 38}	“an instance supports it.”	o		
27	trHandOffLocationPkg	{0 0 24 790 0 4 39}	“an instance supports it.”	o		
28	trHandOffPersonNamePkg	{0 0 24 790 0 4 40}	“an instance supports it and trHandOffPersonPtrPkg is not present.”	c8		

TABLE B7.3/X.790 (continued)

telecommunicationsTroubleReport Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
29	trHandOffPersonPtrPkg	{0 0 24 790 0 4 41}	“an instance supports it and trHandOffPersonNamePkg is not present.”	c9		
30	trHandOffTimePkg	{0 0 24 790 0 4 42}	“an instance supports it.”	o		
31	trHistoryEventPkg	{0 0 24 790 0 4 99}	“an instance supports it.”	o		
32	trInitiatingModePkg	{0 0 24 790 0 4 43}	“an instance supports it.”	o		
33	trLastUpdateTimePkg	{0 0 24 790 0 4 44}	“an instance supports it.”	o		
34	trMaintServiceChargePkg	{0 0 24 790 0 4 54}	“an instance supports it.”	o		
35	trMaintenanceOrgContactNamePkg	{0 0 24 790 0 4 51}	“an instance supports it and trMaintenanceOrgContactPtrPkg is not present.”	c10		
36	trMaintenanceOrgContactPtrPkg	{0 0 24 790 0 4 52}	“an instance supports it and trMaintenanceOrgContactNamePkg is not present.”	c11		
37	trMaintenanceOrgContactTimePkg	{0 0 24 790 0 4 53}	“an instance supports it.”	o		
38	trManagedObjectAccessFromTimePkg	{0 0 24 790 0 4 56}	“an instance supports it.”	o		
39	trManagedObjectAccessHoursPkg	{0 0 24 790 0 4 55}	“an instance supports it.”	o		
40	trManagedObjectAccessToTimePkg	{0 0 24 790 0 4 57}	“an instance supports it.”	o		
41	trManagedObjectInstanceAliasListPkg	{0 0 24 790 0 4 90}	“an instance supports it.”	o		
42	trManagerContactPersonAttributePkg	{0 0 24 790 0 4 58}	“an instance supports it and trManagerContactPersonObjectPkg is not present.”	c12		
43	trManagerContactPersonObjectPkg	{0 0 24 790 0 4 59}	“an instance supports it and trManagerContactPersonAttributePkg is not present.”	c13		
44	trManagerSearchKeyListPkg	{0 0 24 790 0 4 61}	“an instance supports it and trManagerSearchKeyPkg is not present.”	c14		
45	trManagerSearchKeyPkg	{0 0 24 790 0 4 60}	“an instance supports it and trManagerSearchKeyListPkg is not present.”	c15		
46	trObjectCreationDeletionPkg	{0 0 24 790 0 4 15}	“an instance supports it.”	o		

TABLE B7.3/X.790 (concluded)
telecommunicationsTroubleReport Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
47	trOutageDurationPkg	{0 0 24 790 0 4 62}	“an instance supports it.”	o		
48	trPerceivedTroubleSeverityPkg	{0 0 24 790 0 4 63}	“an instance supports it.”	o		
49	trPreferredPriorityPkg	{0 0 24 790 0 4 64}	“an instance supports it.”	o		
50	trRelatedTroubleReportListPkg	{0 0 24 790 0 4 92}	“an instance supports it.”	o		
51	trRepairActivityListPkg	{0 0 24 790 0 4 93}	“an instance supports it and no RepairActivity object is contained in an instance of this object class or its subclasses.”	c16		
52	trRepeatReportPkg	{0 0 24 790 0 4 65}	“an instance supports it.”	o		
53	trResponsiblePersonNamePkg	{0 0 24 790 0 4 66}	“an instance supports it and trResponsiblePersonPtrPkg is not present.”	c17		
54	trResponsiblePersonPtrPkg	{0 0 24 790 0 4 67}	“an instance supports it and trResponsiblePersonNamePkg is not present.”	c18		
55	trRestoredTimePkg	{0 0 24 790 0 4 94}	“an instance supports it.”	o		
56	trSuspectObjectListPkg	{0 0 24 790 0 4 68}	“an instance supports it.”	o		
57	trTroubleClearancePersonAttributePkg	{0 0 24 790 0 4 95}	“an instance supports it.”	o		
58	trTroubleDetectionTimePkg	{0 0 24 790 0 4 69}	“an instance supports it.”	o		
59	trTroubleLocationPkg	{0 0 24 790 0 4 70}	“an instance supports it.”	o		
60	trTroubleReportFormatObjectPtrPkg	{0 0 24 790 0 4 96}	“an instance supports it.”	o		
61	trTroubleReportStatusWindowPkg	{0 0 24 790 0 4 71}	“an instance supports it.”	o		
62	trTspPriorityPkg	{0 0 24 790 0 4 72}	“an instance supports it.”	o		
63	trZLocationAccessHoursPkg	{0 0 24 790 0 4 48}	“an instance supports it.”	o		
64	trZLocationAccessPersonPkg	{0 0 24 790 0 4 50}	“an instance supports it.”	o		
65	trZLocationPkg	{0 0 24 790 0 4 46}	“an instance supports it.”	o		
66	troubleReportPkg		Mandatory	m		
67	x790AttributeValueChangePkg	{0 0 24 790 0 4 97}	“an instance supports it.”	o		
68	x790NumberListPkg	{0 0 24 790 0 4 91}	“an instance supports it.”	o		

TABLE B7.4/X.790

telecommunicationsTroubleReport Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	aLocationAccessAddress	{0 0 24 790 0 7 50}	SEQUENCE	o		o	
2	aLocationAccessHours	{0 0 24 790 0 7 52}	SET OF SEQUENCE	o		o	
3	aLocationAccessPerson	{0 0 24 790 0 7 54}	SEQUENCE	o		o	
4	activityDuration	{0 0 24 790 0 7 4}	SET OF SEQUENCE	x		o	
5	additionalTroubleInfoList	{0 0 24 790 0 7 8}	SET OF GraphicString	m		m	
6	additionalTroubleStatusInfo	{0 0 24 790 0 7 9}	SET OF GraphicString	o		o	
7	afterHrsRepairAuth	{0 0 24 790 0 7 10}	BOOLEAN	c2		c2	
8	agentContactObjectPtr	{0 0 24 790 0 7 12}	CHOICE	–		c3	
9	agentContactPerson	{0 0 24 790 0 7 11}	SEQUENCE	–		c4	
10	alarmRecordPtrList	{0 0 24 790 0 7 13}	SET OF ObjectInstance	–		o	
11	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
12	alternateManagerContactObjectPtr	{0 0 24 790 0 7 15}	CHOICE	c6		c6	
13	alternateManagerContactPerson	{0 0 24 790 0 7 14}	SEQUENCE	c5		c5	
14	authorizationList	{0 0 24 790 0 7 18}	SET OF SEQUENCE troubleReportChange Denied	c7		c7	
15	callBackInfoList	{0 0 24 790 0 7 20}	SET OF CHOICE	o		o	
16	calledNumber	{0 0 24 790 0 7 21}	GraphicString	o		o	
17	cancelRequestedByManager	{0 0 24 790 0 7 22}	BOOLEAN troubleReportChange Denied canNotClose	o		o	
18	closeOutNarr	{0 0 24 790 0 7 23}	GraphicString	–		o	
19	closeOutVerification	{0 0 24 790 0 7 33}	ENUMERATED cannotVerifyOrDenyAtThisTime	–		o	
20	commitmentTime	{0 0 24 790 0 7 24}	CHOICE	–		o	
21	commitmentTimeRequest	{0 0 24 790 0 7 25}	CHOICE troubleReportChange Denied	o		o	
22	custTroubleTickNum	{0 0 24 790 0 7 34}	GraphicString SET-BY-CREATE	o		o	
23	customerWorkCenter	{0 0 24 790 0 7 35}	GraphicString SET-BY-CREATE	o		o	
24	dialog	{0 0 24 790 0 7 36}	GraphicString	o		o	

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
25	escalationList	{0 0 24 790 0 7 40}	SET OF SEQUENCE troubleReportChange Denied	o		o	
26	handOffCenter	{0 0 24 790 0 7 42}	GraphicString	–		o	
27	handOffLocation	{0 0 24 790 0 7 43}	GraphicString	–		o	
28	handOffPersonName	{0 0 24 790 0 7 45}	SEQUENCE	–		c8	
29	handOffPersonPtr	{0 0 24 790 0 7 46}	CHOICE	–		c9	
30	handOffTime	{0 0 24 790 0 7 47}	CHOICE	–		o	
31	initiatingMode	{0 0 24 790 0 7 48}	INTEGER	o		o	
32	lastUpdateTime	{0 0 24 790 0 7 49}	GeneralizedTime	–		o	
33	maintServiceCharge	{0 0 24 790 0 7 59}	BOOLEAN	–		o	
34	maintenanceOrgContactName	{0 0 24 790 0 7 56}	SEQUENCE	c10		c10	
35	maintenanceOrgContactPtr	{0 0 24 790 0 7 57}	CHOICE	c11		c11	
36	maintenanceOrgContactTime	{0 0 24 790 0 7 58}	CHOICE	o		o	
37	managedObjectAccessFromTime	{0 0 24 790 0 7 60}	GeneralizedTime	o		o	
38	managedObjectAccessHours	{0 0 24 790 0 7 61}	SET OF SEQUENCE	o		o	
39	managedObjectAccessToTime	{0 0 24 790 0 7 62}	CHOICE	o		o	
40	managedObjectInstance	{0 0 24 790 0 7 63}	ObjectInstance	m		m	
41	managedObjectInstanceAliasList	{0 0 24 790 0 7 64}	SET OF GraphicString	o		o	
42	managerContactObjectPtr	{0 0 24 790 0 7 66}	CHOICE	c13		c13	
43	managerContactPerson	{0 0 24 790 0 7 65}	SEQUENCE	c12		c12	
44	managerSearchKey1	{0 0 24 790 0 7 67}	CHOICE	c15		c15	
45	managerSearchKey2	{0 0 24 790 0 7 68}	CHOICE	c15		c15	
46	managerSearchKey3	{0 0 24 790 0 7 69}	CHOICE	c15		c15	
47	managerSearchKeyList	{0 0 24 790 0 7 70}	SET OF CHOICE	c14		c14	
48	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
49	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
50	outageDuration	{0 0 24 790 0 7 71}	CHOICE	–		o	
51	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c1	
52	perceivedTroubleSeverity	{0 0 24 790 0 7 72}	CHOICE	o		o	
53	preferredPriority	{0 0 24 790 0 7 73}	ENUMERATED	o		o	
54	receivedTime	{0 0 24 790 0 7 74}	GeneralizedTime	m		m	
55	relatedTroubleReportList	{0 0 24 790 0 7 75}	SET OF ObjectInstance	o		o	
56	repairActivityList	{0 0 24 790 0 7 77}	SET OF SEQUENCE	–		c16	
57	repeatReport	{0 0 24 790 0 7 78}	ENUMERATED	o		o	
58	responsiblePersonName	{0 0 24 790 0 7 79}	SEQUENCE	c17		c17	
59	responsiblePersonPtr	{0 0 24 790 0 7 80}	CHOICE	c18		c18	
60	restoredTime	{0 0 24 790 0 7 81}	CHOICE	–		o	
61	suspectObjectList	{0 0 24 790 0 7 88}	SuspectObjectList SET-BY-CREATE	o		o	
62	troubleClearancePerson	{0 0 24 790 0 7 90}	SEQUENCE	–		o	
63	troubleDetectionTime	{0 0 24 790 0 7 91}	CHOICE	o		o	
64	troubleFound	{0 0 24 790 0 7 92}	CHOICE	x		m	
65	troubleLocation	{0 0 24 790 0 7 93}	CHOICE	o		o	
66	troubleReportFormatObjectPtr	{0 0 24 790 0 7 95}	ObjectInstance	–		o	
67	troubleReportID	{0 0 24 790 0 7 97}	GraphicString	m		m	
68	troubleReportNumberList	{0 0 24 790 0 7 100}	SET OF GraphicString	o		o	
69	troubleReportState	{0 0 24 790 0 7 101}	INTEGER	x		m	
70	troubleReportStatus	{0 0 24 790 0 7 102}	CHOICE	x		m	
71	troubleReportStatusTime	{0 0 24 790 0 7 103}	GeneralizedTime	x		m	
72	troubleReportStatusWindow	{0 0 24 790 0 7 104}	SEQUENCE	o		o	
73	troubleType	{0 0 24 790 0 7 105}	CHOICE	m		m	
74	tspPriority	{0 0 24 790 0 7 106}	SET-BY-CREATE	o		o	
75	zLocationAccessAddress	{0 0 24 790 0 7 51}	SEQUENCE	o		o	
76	zLocationAccessHours	{0 0 24 790 0 7 53}	SET OF SEQUENCE	o		o	
77	zLocationAccessPerson	{0 0 24 790 0 7 55}	SEQUENCE	o		o	

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	o		–		–	
2	o		o		o	
3	o		–		–	
4	–		o		–	
5	–		m		–	
6	–		–		–	
7	c2		–		–	
8	–		–		–	
9	–		–		–	
10	–		–		–	
11	–		–		–	
12	c6		–		–	
13	c5		–		–	
14	c		c7		c7	
15	o		o		o	
16	–		–		–	
17	o		–		–	
18	o		–		–	
19	o		–		–	
20	–		–		–	
21	o		–		–	
22	–		–		–	
23	–		–		–	
24	o		–		–	
25	–		o		–	
26	–		–		–	
27	–		–		–	
28	c8		–		–	
29	c9		–		–	
30	–		–		–	
31	–		–		–	
32	–		–		–	
33	–		–		–	
34	c10		–		–	
35	c11		–		–	
36	o		–		–	

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
37	o		–		–	
38	o		o		o	
39	o		–		–	
40	–		–		–	
41	–		–		–	
42	c13		–		–	
43	c12		–		–	
44	c15		–		–	
45	c15		–		–	
46	c15		–		–	
47	c14		c14		c14	
48	–		–		–	
49	–		–		–	
50	–		–		–	
51	–		–		–	
52	o		–		–	
53	o		–		–	
54	–		–		–	
55	–		–		–	
56	–		c16		–	
57	o		–		–	
58	c17		–		–	
59	c18		–		–	
60	o		–		–	
61	–		–		–	
62	o		–		–	
63	o		–		–	
64	m		–		–	
65	o		–		–	
66	–		–		–	
67	–		–		–	
68	–		–		–	
69	m		–		–	
70	m		–		–	
71	–		–		–	
72	o		–		–	

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

	Replace		Add		Remove	
Index	Status	Support	Status	Support	Status	Support
73	–		–		–	
74	–		–		–	
75	o		–		–	
76	o		o		o	
77	o		–		–	

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

	Set to default		
Index	Status	Support	Additional information
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		
8	–		
9	–		
10	–		
11	–		
12	–		
13	–		
14	–		
15	–		
16	–		
17	–		
18	–		
19	–		
20	–		
21	–		
22	–		
23	–		
24	–		

TABLE B7.4/X.790 (continued)

telecommunicationsTroubleReport Attribute support

Index	Set to default		Additional information
	Status	Support	
25	–		
26	–		
27	–		
28	–		
29	–		
30	–		
31	–		
32	–		
33	–		
34	–		
35	–		
36	–		
37	–		
38	–		
39	–		
40	–		
41	–		
42	–		
43	–		
44	–		
45	–		
46	–		
47	–		
48	–		
49	–		
50	–		
51	–		
52	–		
53	–		
54	–		
55	–		
56	–		
57	–		
58	–		
59	–		
60	–		

TABLE B7.4/X.790 (concluded)

telecommunicationsTroubleReport Attribute support

Index	Set to default		Additional information
	Status	Support	
61	–		
62	–		
63	–		
64	–		
65	–		
66	–		
67	–		
68	–		
69	–		
70	–		
71	–		
72	–		
73	–		
74	–		
75	–		
76	–		
77	–		

TABLE B7.5/X.790

telecommunicationsTroubleReport Attribute group support

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

TABLE B7.6/X.790

telecommunicationsTroubleReport Action support

(There are no actions specified for this managed object class.)

TABLE B7.7/X.790

telecommunicationsTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{2 9 3 2 10 1}		m				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{2 9 3 2 10 6}		c19				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								2.1.2.1.2
								2.1.2.2
								2.1.3
								2.1.4
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		c19				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1
								3.1.4.2
								3.1.4.2.1
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3
4	troubleHistoryEvent Notification	{0 0 24 790 0 10 1}		o				4.1
								4.1.1
								4.1.2
								4.1.3
								4.1.3.1
								4.1.3.2
								4.1.4
								4.1.4.1
								4.1.4.1.1
								4.1.4.1.2
								4.1.4.1.3
								4.1.4.1.4
								4.1.4.1.5
								4.1.4.2
								4.1.4.3
								4.1.5
								4.1.6
								4.1.6.1
								4.1.6.2
								4.1.6.3
								4.1.6.4
								4.1.6.4.1
								4.1.6.4.2
								4.1.6.4.3
								4.1.6.4.4
								4.1.6.4.4.1
								4.1.6.4.4.2

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								4.1.6.4.4.3
								4.1.6.4.4.4
								4.1.6.4.5
								4.1.6.4.6
								4.1.6.4.7
								4.1.7
								4.1.8
								4.1.9
								4.1.10
								4.1.10.1
								4.1.10.2
								4.1.11
								4.1.12
								4.1.12.1
								4.1.12.2
								4.1.13
								4.1.14
								4.1.14.1
								4.1.14.2
								4.1.14.3
								4.1.14.4
								4.1.14.4.1
								4.1.14.4.2
								4.1.14.4.3
								4.1.14.4.4
								4.1.14.5
								4.1.14.6
								4.1.14.7
								4.1.15
								4.1.16
								4.1.16.1
								4.1.16.2
5	troubleReportProgressNotification	{0 0 24 790 0 10 2}		o				5.1
								5.1.1
								5.1.1.1
								5.1.1.2
								5.1.2

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	m		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	m		
	1.1.3.1	attributeID	–	CHOICE	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.2		
	1.1.3.1.2	localForm	–	INTEGER	c:o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	1.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	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		
2	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 SEQUENCE	o		
	2.1.2.1	attributeId	–	CHOICE	c:m		

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o.4		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	2.1.4.2	sourceObjectList	–	CHOICE	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o.5		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	2.1.6.2	significance	–	BOOLEAN	c:o		
	2.1.6.3	information	–	ANY DEFINED By identifier	c:m		
3	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 SEQUENCE	o		
	3.1.2.1	attributrId	–	CHOICE	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6		
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	3.1.4.2	sourceObjectInst	–	CHOICE	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	3.1.6.2	significance	–	BOOLEAN	c:o		
	3.1.6.3	information	–	ANY DEFINED By identifier	c:m		
4	4.1	TroubleHistoryInfo		Information Syntax SEQUENCE	o		
	4.1.1	managedObjectInstance	–	ObjectInstance	c:m		
	4.1.2	receivedTime	–	GeneralizedTime	c:m		
	4.1.3	troubleFound	–	CHOICE	c:m		
	4.1.3.1	number	–	INTEGER	c:o.8		
	4.1.3.2	identifier	–	OBJECT IDENTIFIER	c:o.8		
	4.1.4	activityDuration	–	SET OF SEQUENCE	c:o		
	4.1.4.1	duration	–	SEQUENCE	c:m		
	4.1.4.1.1	day	–	INTEGER	c:o		
	4.1.4.1.2	hour	–	INTEGER	c:o		
	4.1.4.1.3	minute	–	INTEGER	c:o		
	4.1.4.1.4	second	–	INTEGER	c:o		
	4.1.4.1.5	msec	–	INTEGER	c:o		
	4.1.4.2	billable	–	BOOLEAN	c:o		
	4.1.4.3	type	–	BIT STRING	c:o		
	4.1.5	additionalTroubleInfoList	–	SET OF GraphicString	c:o		
	4.1.6	authorizationList	–	SET OF SEQUENCE	c:o		
	4.1.6.1	state	–	ENUMERATED	c:m		
	4.1.6.2	type	–	BIT STRING	c:m		
	4.1.6.3	authTime	–	GeneralizedTime	c:o		
	4.1.6.4	authPerson	–	SEQUENCE	c:o		

TABLE B7.7/X.790 (continued)

telecommunicationsTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	4.1.6.4.1	number	–	GraphicString	c:o		
	4.1.6.4.2	name	–	GraphicString	c:o		
	4.1.6.4.3	phone	–	GraphicString	c:o		
	4.1.6.4.4	loc	–	SEQUENCE	c:o		
	4.1.6.4.4.1	civicAddress	–	GraphicString	c:m		
	4.1.6.4.4.2	city	–	GraphicString	c:m		
	4.1.6.4.4.3	state	–	GraphicString	c:m		
	4.1.6.4.4.4	zip	–	GraphicString	c:m		
	4.1.6.4.5	email	–	GraphicString	c:o		
	4.1.6.4.6	fax	–	GraphicString	c:o		
	4.1.6.4.7	respon	–	GraphicString	c:o		
	4.1.7	cancelRequestedByManager	–	BOOLEAN	c:o		
	4.1.8	closeOutNarr	–	GraphicString	c:o		
	4.1.9	closeOutVerification	–	ENUMERATED	c:o		
	4.1.10	commitmentTime	–	CHOICE	c:o		
	4.1.10.1	onsiteTime	–	GeneralizedTime	c:o.9		
	4.1.10.2	clearedTime	–	GeneralizedTime	c:o.9		
	4.1.11	custTroubleTickNum	–	GraphicString	c:o		
	4.1.12	perceivedTroubleSeverity	–	CHOICE	c:o		
	4.1.12.1	number	–	INTEGER	c:o.10		
	4.1.12.2	identifier	–	OBJECT IDENTIFIER	c:o.10		
	4.1.13	restoredTime	–	GeneralizedTime	c:o		
	4.1.14	troubleClearancePerson	–	SEQUENCE	c:o		
	4.1.14.1	number	–	GraphicString	c:o		
	4.1.14.2	name	–	GraphicString	c:o		
	4.1.14.3	phone	–	GraphicString	c:o		
	4.1.14.4	loc	–	SEQUENCE	c:o		
	4.1.14.4.1	civicAddress	–	GraphicString	c:m		
	4.1.14.4.2	city	–	GraphicString	c:m		
	4.1.14.4.3	state	–	GraphicString	c:m		
	4.1.14.4.4	zip	–	GraphicString	c:m		
	4.1.14.5	email	–	GraphicString	c:o		
	4.1.14.6	fax	–	GraphicString	c:o		
	4.1.14.7	respon	–	GraphicString	c:o		

TABLE B7.7/X.790 (concluded)

telecommunicationsTroubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	4.1.15	troubleReportNumberList	–	SET OF GraphicString	c:o		
	4.1.16	troubleType	–	CHOICE	c:o		
	4.1.16.1	number	–	INTEGER	c:o.11		
	4.1.16.2	identifier	–	OBJECT IDENTIFIER	c:o.11		
5	5.1	TroubleProgressInfo		Information Syntax SEQUENCE	o		
	5.1.1	troubleReportStatus	–	CHOICE	c:m		
	5.1.1.1	number	–	INTEGER	c:o.12		
	5.1.1.2	identifier	–	OBJECT IDENTIFIER	c:o.12		
	5.1.2	additionalTroubleStatusInfo	–	SET OF GraphicString	c:o		

TABLE B7.8/X.790

service Parameter support

Index	Parameter template label	Value of object identifier for parameter	Constraints and values	Status	Support	Additional information
1	troubleReportChange Denied	{0 0 24 790 0 5 6}	SPECIFIC-ERROR			
			authorizationList	c7		
2	troubleReportChange Denied	{0 0 24 790 0 5 6}	SPECIFIC-ERROR			
			cancelRequestedByManager	o		
3	canNotClose	{0 0 24 790 0 5 3}	SPECIFIC-ERROR			
			cancelRequestedByManager	o		
4	cannotVerifyOrDeny AtThisTime	{0 0 24 790 0 5 5}	SPECIFIC-ERROR			
			closeOutVerification	o		
5	troubleReportChange Denied	{0 0 24 790 0 5 6}	SPECIFIC-ERROR			
			commitmentTimeRequest	o		
6	SET-BY-CREATE	(Not registered)				
6	troubleReportChange Denied	{0 0 24 790 0 5 6}	SPECIFIC-ERROR			
			escalationList	o		
7	SET-BY-CREATE	(Not registered)				
7	SET-BY-CREATE	(Not registered)	END PARAMETERS			

TABLE B7.9/X.790

telecommunicationsTroubleReport Conditions

Condition number	Condition	Reference
c1	If B7.3/2 then m else –.	“any registered package, other than this package has been instantiated”
c2	If B7.3/8 then m else –.	“an instance supports it and trAuthorizationListPkg is not present.”
c3	If B7.3/9 then m else –.	“an instance supports it and trAgentContactPersonObjectPkg is not present.”
c4	If B7.3/10 then m else –.	“an instance supports it and trAgentContactPersonAttributePkg is not present.”
c5	If B7.3/12 then m else –.	“an instance supports it and trAlternateManagerContactPersonObjectPkg is not present.”
c6	If B7.3/13 then m else –.	“an instance supports it and trAlternateManagerContactPersonAttributePkg is not present.”
c7	If B7.3/14 then m else –.	“an instance supports it and trAfterHrsRepairAuthPkg is not present.”
c8	If B7.3/28 then m else –.	“an instance supports it and trHandOffPersonPtrPkg is not present.”
c9	If B7.3/29 then m else –.	“an instance supports it and trHandOffPersonNamePkg is not present.”
c10	If B7.3/35 then m else –.	“an instance supports it and trMaintenanceOrgContactPtrPkg is not present.”
c11	If B7.3/36 then m else –.	“an instance supports it and trMaintenanceOrgContactNamePkg is not present.”
c12	If B7.3/42 then m else –.	“an instance supports it and trManagerContactPersonObjectPkg is not present.”
c13	If B7.3/43 then m else –.	“an instance supports it and trManagerContactPersonAttributePkg is not present.”
c14	If B7.3/44 then m else –.	“an instance supports it and trManagerSearchKeyPkg is not present.”
c15	If B7.3/45 then m else –.	“an instance supports it and trManagerSearchKeyListPkg is not present.”
c16	If B7.3/51 then m else –.	“an instance supports it and no RepairActivity object is contained in an instance of this object class or its subclasses.”
c17	If B7.3/53 then m else –.	“an instance supports it and trResponsiblePersonPtrPkg is not present.”
c18	If B7.3/54 then m else –.	“an instance supports it and trResponsiblePersonNamePkg is not present.”
c19	If B7.7/29 then m else –.	“the objectCreation and objectDeletion notifications identified in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c:o.1		At least one notification field must be supported
c:o.2		At least one notification field must be supported
c:o.3		At least one notification field must be supported
c:o.4		At least one notification field must be supported
c:o.5		At least one notification field must be supported
c:o.6		At least one notification field must be supported
c:o.7		At least one notification field must be supported
c:o.8		At least one notification field must be supported
c:o.9		At least one notification field must be supported
c:o.10		At least one notification field must be supported
c:o.11		At least one notification field must be supported
c:o.12		At least one notification field must be supported
c:o.13		At least one name binding must be supported and if a functional unit requires a particular namebinding then that must be supported

TABLE B7.10/X.790

telecommunicationsTroubleReport Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	telecommunicationsTroubleReport-account	{0 0 24 790 0 6 9}	Superior class: account	o			1.1
							1.2
							1.3
							1.4
							1.5
							1.6
2	telecommunicationsTroubleReport-cnmService	{0 0 24 790 0 6 10}	Superior class: cnmService	c:o.1			2.1
							2.2
							2.3
							2.4
							2.5
							2.6
3	telecommunicationsTroubleReport-network	{0 0 24 790 0 6 11}	Superior class: Rec. M.3100:1992: network AND SUBCLASSES	c:o.13			3.1
							3.2
							3.3
							3.4
							3.5
							3.6
4	telecommunicationsTroubleReport-system	{0 0 24 790 0 6 12}	Superior class: CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: system	c:o.13			4.1
							4.2
							4.3
							4.4
							4.5
							4.6

TABLE B7.10/X.790 (concluded)

telecommunicationsTroubleReport Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		c:m		
	1.2	Create with reference object		c:m		
	1.3	Create with automatic instance naming		c:m		
	1.4	Delete support		–		
	1.5	Delete only if no contained objects		–		
	1.6	Delete contained objects		–		
2	2.1	Create support		c:m		
	2.2	Create with reference object		c:m		
	2.3	Create with automatic instance naming		c:m		
	2.4	Delete support		–		
	2.5	Delete only if no contained objects		–		
	2.6	Delete contained objects		–		
3	3.1	Create support		c:m		
	3.2	Create with reference object		c:m		
	3.3	Create with automatic instance naming		c:m		
	3.4	Delete support		–		
	3.5	Delete only if no contained objects		–		
	3.6	Delete contained objects		–		
4	4.1	Create support		c:m		
	4.2	Create with reference object		c:m		
	4.3	Create with automatic instance naming		c:m		
	4.4	Delete support		–		
	4.5	Delete only if no contained objects		–		
	4.6	Delete contained objects		–		

B8 troubleHistoryRecord

TABLE B8.1/X.790

troubleHistoryRecord Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	troubleHistoryRecord	{0 0 24 790 0 3 8}		

TABLE B8.2/X.790

troubleHistoryRecord Actual class support

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

TABLE B8.3/X.790

troubleHistoryRecord 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: additionalInformationPackage	{2 9 3 2 4 18}	“The Additional Information Parameter is present in the notification or report corresponding to the instance of event record or and instance of its subclasses”	c1		
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: additionalTextPackage	{2 9 3 2 4 19}	“The Additional text Parameter is present in the notification or report corresponding to the instance of event record or and instance of its subclasses”	c2		
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphicPackage	{2 9 3 2 4 17}	“an instance supports allomorphism”	o		
4	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: correlatedNotificationPackage	{2 9 3 2 4 23}	“The correlatedNotification Parameter is present in the notification or event report corresponding to the instance of an event record or and instance of its subclasses”	c3		

TABLE B8.3/X.790 (concluded)
troubleHistoryRecord Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: logRecordPackage		Mandatory	m		
6	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: eventTimePackage	{2 9 3 2 4 11}	"The EventTime Parameter was present in the received event report"	c4		
7	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: eventLogRecordPackage		Mandatory	m		
8	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: notificationIdentifierPackage	{2 9 3 2 4 24}	"The notification Identifier Parameter is present in the notification or event report corresponding to the instance of an event record or and instance of its subclasses"	c5		
9	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	"any registered package other than this has been instantiated"	c6		
10	thrActivityDurationPkg	{0 0 24 790 0 4 73}	"an instance supports it."	o		
11	thrAdditionalTroubleInfoListPkg	{0 0 24 790 0 4 74}	"an instance supports it."	o		
12	thrAuthorizationPkg	{0 0 24 790 0 4 75}	"an instance supports it."	o		
13	thrCancelRequestedByManagerPkg	{0 0 24 790 0 4 76}	"an instance supports it."	o		
14	thrCloseOutNarrPkg	{0 0 24 790 0 4 77}	"an instance supports it."	o		
15	thrCloseOutVerificationPkg	{0 0 24 790 0 4 78}	"an instance supports it."	o		
16	thrCommitmentTimePkg	{0 0 24 790 0 4 79}	"an instance supports it."	o		
17	thrCustTroubleTickNumPkg	{0 0 24 790 0 4 80}	"an instance supports it."	o		
18	thrPerceivedTroubleSeverityPkg	{0 0 24 790 0 4 81}	"an instance supports it."	o		
19	thrRestoredTimePkg	{0 0 24 790 0 4 82}	"an instance supports it."	o		
20	thrTroubleClearancePersonPkg	{0 0 24 790 0 4 83}	"an instance supports it."	o		
21	thrTroubleReportNumberListPkg	{0 0 24 790 0 4 84}	"an instance supports it."	o		
22	thrTroubleTypePkg	{0 0 24 790 0 4 85}	"an instance supports it."	o		
23	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
24	troubleHistoryRecordPkg		Mandatory	m		

TABLE B8.4/X.790

troubleHistoryRecord Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	activityDuration	{0 0 24 790 0 7 4}	ActivityDuration	–		o	
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	c1		c1	
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: additionalText	{2 9 3 2 7 7}	GraphicString	c2		c2	
4	additionalTroubleInfo List	{0 0 24 790 0 7 8}	SET OF GraphicString	–		o	
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
6	authorizationList	{0 0 24 790 0 7 18}	SET OF SEQUENCE	–		o	
7	cancelRequestedByManager	{0 0 24 790 0 7 22}	BOOLEAN	–		o	
8	closeOutNarr	{0 0 24 790 0 7 23}	GraphicString	–		o	
9	closeOutVerification	{0 0 24 790 0 7 33}	ENUMERATED	–		o	
10	commitmentTime	{0 0 24 790 0 7 24}	CHOICE	–		o	
11	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	c3		c3	
12	custTroubleTickNum	{0 0 24 790 0 7 34}	GraphicString	–		o	
13	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: eventTime	{2 9 3 2 7 13}	GeneralizedTime	–		m	
14	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: eventType	{2 9 3 2 7 14}	CHOICE	–		m	
15	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: logRecordId	{2 9 3 2 7 3}	CHOICE	–		m	
16	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: loggingTime	{2 9 3 2 7 59}	GeneralizedTime	–		m	
17	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: managedObjectClass	{2 9 3 2 7 60}	CHOICE	–		m	
18	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: managedObjectInstance	{2 9 3 2 7 61}	CHOICE	–		m	

TABLE B8.4/X.790 (continued)
troubleHistoryRecord Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
19	managedObjectInstance	{0 0 24 790 0 7 63}	ObjectInstance SET-BY-CREATE	–		m	
20	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
21	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: notificationIdentifier	{0 0 24 790 0 7 16}	Integer	c5		c5	
22	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	
23	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c6	
24	perceivedTroubleSeverity	{0 0 24 790 0 7 72}	CHOICE	–		o	
25	receivedTime	{0 0 24 790 0 7 74}	GeneralizedTime	–		m	
26	restoredTime	{0 0 24 790 0 7 81}	CHOICE	–		o	
27	troubleClearancePerson	{0 0 24 790 0 7 90}	SEQUENCE	–		o	
28	troubleFound	{0 0 24 790 0 7 92}	CHOICE	–		m	
29	troubleReportNumber List	{0 0 24 790 0 7 100}	SET OF GraphicString	–		o	
30	troubleType	{0 0 24 790 0 7 105}	CHOICE SET-BY-CREATE	–		o	

TABLE B8.4/X.790 (continued)
troubleHistoryRecord Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	–		–		–	
2	–		–		–	
3	–		–		–	
4	–		–		–	
5	–		–		–	
6	–		–		–	
7	–		–		–	

TABLE B8.4/X.790 (continued)
troubleHistoryRecord Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
8	–		–		–	
9	–		–		–	
10	–		–		–	
11	–		–		–	
12	–		–		–	
13	–		–		–	
14	–		–		–	
15	–		–		–	
16	–		–		–	
17	–		–		–	
18	–		–		–	
19	–		–		–	
20	–		–		–	
21	–		–		–	
22	–		–		–	
23	–		–		–	
24	–		–		–	
25	–		–		–	
26	–		–		–	
27	–		–		–	
28	–		–		–	
29	–		–		–	
30	–		–		–	

TABLE B8.4/X.790 (continued)
troubleHistoryRecord Attribute support

Index	Set to default		Additional information
	Status	Support	
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		

TABLE B8.4/X.790 (*concluded*)
troubleHistoryRecord Attribute support

Index	Set to default		Additional information
	Status	Support	
8	–		
9	–		
10	–		
11	–		
12	–		
13	–		
14	–		
15	–		
16	–		
17	–		
18	–		
19	–		
20	–		
21	–		
22	–		
23	–		
24	–		
25	–		
26	–		
27	–		
28	–		
29	–		
30	–		

TABLE B8.5/X.790
troubleHistoryRecord Attribute group support

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

TABLE B8.6/X.790
troubleHistoryRecord Action support

(There are no actions specified for this managed object class.)

TABLE B8.7/X.790

troubleHistoryRecord Notification support

(There are no notifications specified for this managed object class.)

TABLE B8.8/X.790

troubleHistoryRecord Parameter support

(There are no parameters specified for this managed object class.)

TABLE B8.9/X.790

troubleHistoryRecord Condition support

Condition number	Condition	Reference
c1	If B8.3/1 then m else –.	“The Additional Information Parameter is present in the notification or report corresponding to the instance of event record or and instance of its subclasses”
c2	If B8.3/2 then m else –.	“The Additional Text Parameter is present in the notification or report corresponding to the instance of event record or and instance of its subclasses”
c3	If B8.3/4 then m else –.	“The correlatedNotification Parameter is present in the notification or event report corresponding to the instance of an event record or and instance of its subclasses”
c4	If B8.3/6 then m else –.	“The Event Time Parameter was present in the received event report”
c5	If B8.3/8 then m else –.	“The Notification Identifier Parameter is present in the notification or event report corresponding to the instance of an event record or and instance of its subclasses”
c6	If B8.3/9 then m else –.	“any registered package other than this has been instantiated”

TABLE B8.10/X.790

troubleHistoryRecord Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	troubleHistoryRecord-log	{0 0 24 790 0 6 16}	Superior class: CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: log	o			1.1
							1.2
							1.3
							1.4
							1.5
							1.6

TABLE B8.10/X.790 (concluded)

troubleHistoryRecord Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		–		
	1.2	Create with reference object		–		
	1.3	Create with automatic instance naming		–		
	1.4	Delete support		c:m		
	1.5	Delete only if no contained objects		–		
	1.6	Delete contained objects		–		

B9 troubleReport

TABLE B9.1/X.790

troubleReport Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	troubleReport	{0 0 24 790 0 3 9}		

TABLE B9.2/X.790

troubleReport Actual class support

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

TABLE B9.3/X.790
troubleReport 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}	“an instance supports allomorphism”	o		
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c1		
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
4	trActivityDurationPkg	{0 0 24 790 0 4 86}	“an instance supports it.”	o		
5	trAgentContactPersonAttributePkg	{0 0 24 790 0 4 87}	“an instance supports it and trAgentContactPersonObjectPkg is not present.”	c2		
6	trAgentContactPersonObjectPkg	{0 0 24 790 0 4 88}	“an instance supports it and trAgentContactPersonAttributePkg is not present.”	c3		
7	trCloseOutNarrPkg	{0 0 24 790 0 4 89}	“an instance supports it.”	o		
8	trHistoryEventPkg	{0 0 24 790 0 4 99}	“an instance supports it.”	o		
9	trManagedObjectInstanceAliasListPkg	{0 0 24 790 0 4 90}	“an instance supports it.”	o		
10	trObjectCreationDeletionPkg	{0 0 24 790 0 4 15}	“an instance supports it.”	o		
11	trRelatedTroubleReportListPkg	{0 0 24 790 0 4 92}	“an instance supports it.”	o		
12	trRepairActivityListPkg	{0 0 24 790 0 4 93}	“an instance supports it and no RepairActivity object is contained in an instance of this object class or its subclasses.”	c4		
13	trRestoredTimePkg	{0 0 24 790 0 4 94}	“an instance supports it.”	o		
14	trTroubleClearancePersonAttributePkg	{0 0 24 790 0 4 95}	“an instance supports it.”	o		
15	trTroubleReportFormatObjectPtrPkg	{0 0 24 790 0 4 96}	“an instance supports it.”	o		
16	troubleReportPkg		Mandatory	m		
17	x790AttributeValueChangePkg	{0 0 24 790 0 4 97}	“an instance supports it.”	o		
18	x790NumberListPkg	{0 0 24 790 0 4 91}	“an instance supports it.”	o		

TABLE B9.4/X.790

troubleReport Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	activityDuration	{0 0 24 790 0 7 4}	SET OF SEQUENCE	–		o	
2	additionalTroubleInfo List	{0 0 24 790 0 7 8}	SET OF GraphicString	m		m	
3	agentContactObjectPtr	{0 0 24 790 0 7 12}	CHOICE	–		c3	
4	agentContactPerson	{0 0 24 790 0 7 11}	SEQUENCE	–		c2	
5	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: allomorphs	{2 9 3 2 7 50}	SET OF CHOICE	–		o	
6	closeOutNarr	{0 0 24 790 0 7 23}	GraphicString	–		o	
7	managedObjectInstance	{0 0 24 790 0 7 63}	ObjectInstance	m		m	
8	managedObjectInstanceAliasList	{0 0 24 790 0 7 64}	SET OF GraphicString	o		o	
9	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: nameBinding	{2 9 3 2 7 63}	OBJECT IDENTIFIER	o		m	
10	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectClass	{2 9 3 2 7 65}	CHOICE	–		m	
11	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packages	{2 9 3 2 7 66}	SET OF OBJECT IDENTIFIER	o		c1	
12	receivedTime	{0 0 24 790 0 7 74}	GeneralizedTime	m		m	
13	relatedTroubleReport List	{0 0 24 790 0 7 75}	SET OF ObjectInstance	o		o	
14	repairActivityList	{0 0 24 790 0 7 77}	SET OF SEQUENCE	–		c4	
15	restoredTime	{0 0 24 790 0 7 81}	CHOICE	–		o	
16	troubleClearancePerson	{0 0 24 790 0 7 90}	SEQUENCE	–		o	
17	troubleFound	{0 0 24 790 0 7 92}	CHOICE	x		m	
18	troubleReportFormatObjectPtr	{0 0 24 790 0 7 95}	ObjectInstance	o		o	
19	troubleReportID	{0 0 24 790 0 7 97}	GraphicString	m		m	
20	troubleReportNumber List	{0 0 24 790 0 7 100}	SET OF GraphicString	o		o	
21	troubleReportState	{0 0 24 790 0 7 101}	INTEGER	–		m	
22	troubleReportStatus	{0 0 24 790 0 7 102}	CHOICE	–		m	
23	troubleReportStatusTime	{0 0 24 790 0 7 103}	GeneralizedTime	m		m	
24	troubleType	{0 0 24 790 0 7 105}	CHOICE	m		m	

TABLE B9.4/X.790 (continued)

troubleReport Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	–		o		–	
2	–		m		–	
3	c3		–		–	
4	c2		–		–	
5	–		–		–	
6	o		–		–	
7	–		–		–	
8	–		–		–	
9	–		–		–	
10	–		–		–	
11	–		–		–	
12	–		–		–	
13	–		–		–	
14	–		c4		–	
15	o		–		–	
16	o		–		–	
17	m		–		–	
18	–		–		–	
19	–		–		–	
20	–		–		–	
21	m		–		–	
22	m		–		–	
23	–		–		–	
24	–		–		–	

TABLE B9.4/X.790 (*concluded*)**troubleReport Attribute support**

Index	Set to default		Additional information
	Status	Support	
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		
7	–		
8	–		
9	–		
10	–		
11	–		
12	–		
13	–		
14	–		
15	–		
16	–		
17	–		
18	–		
19	–		
20	–		
21	–		
22	–		
23	–		
24	–		

TABLE B9.5/X.790

troubleReport Attribute group support

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

TABLE B9.6/X.790

troubleReport Action support

(There are no actions specified for this managed object class.)

TABLE B9.7/X.790

troubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{2 9 3 2 10 1}		m				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{2 9 3 2 10 6}		c5				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1
								2.1.2.1.2

TABLE B9.7/X.790 (continued)
troubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con-firmed	Non-con-firmed	Additional information	Subindex
								2.1.2.2
								2.1.3
								2.1.4
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		c5				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1
								3.1.4.2
								3.1.4.2.1
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2

TABLE B9.7/X.790 (continued)
troubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3
4	troubleHistoryEvent Notification	{0 0 24 790 0 10 1}		o				4.1
								4.1.1
								4.1.2
								4.1.3
								4.1.3.1
								4.1.3.2
								4.1.4
								4.1.4.1
								4.1.4.1.1
								4.1.4.1.2
								4.1.4.1.3
								4.1.4.1.4
								4.1.4.1.5
								4.1.4.2
								4.1.4.3
								4.1.5
								4.1.6
								4.1.6.1
								4.1.6.2
								4.1.6.3
								4.1.6.4
								4.1.6.4.1
								4.1.6.4.2
								4.1.6.4.3
								4.1.6.4.4
								4.1.6.4.4.1
								4.1.6.4.4.2
								4.1.6.4.4.3
								4.1.6.4.4.4
								4.1.6.4.5

TABLE B9.7/X.790 (continued)
troubleReport Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								4.1.6.4.6
								4.1.6.4.7
								4.1.7
								4.1.8
								4.1.9
								4.1.10
								4.1.10.1
								4.1.10.2
								4.1.11
								4.1.12
								4.1.12.1
								4.1.12.2
								4.1.13
								4.1.14
								4.1.14.1
								4.1.14.2
								4.1.14.3
								4.1.14.4
								4.1.14.4.1
								4.1.14.4.2
								4.1.14.4.3
								4.1.14.4.4
								4.1.14.5
								4.1.14.6
								4.1.14.7
								4.1.15
								4.1.16
								4.1.16.1
								4.1.16.2
5	troubleReportProgressNotification	{0 0 24 790 0 10 2}		o				5.1
								5.1.1
								5.1.1.1
								5.1.1.2
								5.1.2

TABLE B9.7/X.790 (continued)

troubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	m		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	m		
	1.1.3.1	attributeID	–	CHOICE	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.2		
	1.1.3.1.2	localForm	–	INTEGER	c:o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	1.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	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		

TABLE B9.7/X.790 (continued)
troubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	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 SEQUENCE	o		
	2.1.2.1	attributrId	–	CHOICE	c:m		
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o.4		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	2.1.4.2	sourceObjectList	–	CHOICE	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o.5		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	2.1.6.2	significance	–	BOOLEAN	c:o		
	2.1.6.3	information	–	ANY DEFINED By identifier	c:m		
3	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 SEQUENCE	o		
	3.1.2.1	attributrId	–	CHOICE	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6		

TABLE B9.7/X.790 (continued)

troubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	3.1.4.2	sourceObjectInst	–	CHOICE	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	3.1.6.2	significance	–	BOOLEAN	c:o		
	3.1.6.3	information	–	ANY DEFINED By identifier	c:m		
4	4.1	TroubleHistoryInfo		Information Syntax SEQUENCE	o		
	4.1.1	managedObjectInstance	–	ObjectInstance	c:m		
	4.1.2	receivedTime	–	GeneralizedTime	c:m		
	4.1.3	troubleFound	–	CHOICE	c:m		
	4.1.3.1	number	–	INTEGER	c:o.8		
	4.1.3.2	identifier	–	OBJECT IDENTIFIER	c:o.8		
	4.1.4	activityDuration	–	SET OF SEQUENCE	c:o		
	4.1.4.1	duration	–	SEQUENCE	c:m		
	4.1.4.1.1	day	–	INTEGER	c:o		
	4.1.4.1.2	hour	–	INTEGER	c:o		

TABLE B9.7/X.790 (continued)

troubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	4.1.4.1.3	minute	–	INTEGER	c:o		
	4.1.4.1.4	second	–	INTEGER	c:o		
	4.1.4.1.5	msec	–	INTEGER	c:o		
	4.1.4.2	billable	–	BOOLEAN	c:o		
	4.1.4.3	type	–	BIT STRING	c:o		
	4.1.5	additionalTroubleInfoList	–	SET OF GraphicString	c:o		
	4.1.6	authorizationList	–	SET OF SEQUENCE	c:o		
	4.1.6.1	state	–	ENUMERATED	c:m		
	4.1.6.2	type	–	BIT STRING	c:m		
	4.1.6.3	authTime	–	GeneralizedTime	c:o		
	4.1.6.4	authPerson	–	SEQUENCE	c:o		
	4.1.6.4.1	number	–	GraphicString	c:o		
	4.1.6.4.2	name	–	GraphicString	c:o		
	4.1.6.4.3	phone	–	GraphicString	c:o		
	4.1.6.4.4	loc	–	SEQUENCE	c:o		
	4.1.6.4.4.1	civicAddress	–	GraphicString	c:m		
	4.1.6.4.4.2	city	–	GraphicString	c:m		
	4.1.6.4.4.3	state	–	GraphicString	c:m		
	4.1.6.4.4.4	zip	–	GraphicString	c:m		
	4.1.6.4.5	email	–	GraphicString	c:o		
	4.1.6.4.6	fax	–	GraphicString	c:o		
	4.1.6.4.7	respon	–	GraphicString	c:o		
	4.1.7	cancelRequestedByManager	–	BOOLEAN	c:o		
	4.1.8	closeOutNarr	–	GraphicString	c:o		
	4.1.9	closeOutVerification	–	ENUMERATED	c:o		
	4.1.10	commitmentTime	–	CHOICE	c:o		
	4.1.10.1	onsiteTime	–	GeneralizedTime	c:o.9		
	4.1.10.2	clearedTime	–	GeneralizedTime	c:o.9		
	4.1.11	custTroubleTickNum	–	GraphicString	c:o		
	4.1.12	perceivedTroubleSeverity	–	CHOICE	c:o		

TABLE B9.7/X.790 (concluded)

troubleReport Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	4.1.12.1	number	–	INTEGER	c:o.10		
	4.1.12.2	identifier	–	OBJECT IDENTIFIER	c:o.10		
	4.1.13	restoredTime	–	GeneralizedTime	c:o		
	4.1.14	troubleClearancePerson	–	SEQUENCE	c:o		
	4.1.14.1	number	–	GraphicString	c:o		
	4.1.14.2	name	–	GraphicString	c:o		
	4.1.14.3	phone	–	GraphicString	c:o		
	4.1.14.4	loc	–	SEQUENCE	c:o		
	4.1.14.4.1	civicAddress	–	GraphicString	c:m		
	4.1.14.4.2	city	–	GraphicString	c:m		
	4.1.14.4.3	state	–	GraphicString	c:m		
	4.1.14.4.4	zip	–	GraphicString	c:m		
	4.1.14.5	email	–	GraphicString	c:o		
	4.1.14.6	fax	–	GraphicString	c:o		
	4.1.14.7	respon	–	GraphicString	c:o		
	4.1.15	troubleReportNumberList	–	SET OF GraphicString	c:o		
	4.1.16	troubleType	–	CHOICE	c:o		
	4.1.16.1	number	–	INTEGER	c:o.11		
	4.1.16.2	identifier	–	OBJECT IDENTIFIER	c:o.11		
5	5.1	TroubleProgressInfo		Information Syntax SEQUENCE	o		
	5.1.1	troubleReportStatus	–	CHOICE	c:m		
	5.1.1.1	number	–	INTEGER	c:o.12		
	5.1.1.2	identifier	–	OBJECT IDENTIFIER	c:o.12		
	5.1.2	additionalTroubleStatusInfo	–	SET OF GraphicString	c:o		

TABLE B9.8/X.790
troubleReport Parameter support

(There are no parameters specified for this managed object class.)

TABLE B9.9/X.790
troubleReport Conditions

Condition number	Condition	Reference
c1	If B9.3/2 then m else –.	“any registered package other than this has been instantiated.”
c2	If B9.3/5 then m else –.	“an instance supports it and trAgentContactPersonobjectPkg is not present.”
c3	If B9.3/6 then m else –.	“an instance supports it and trAgentContactPersonattributePkg is not present.”
c4	If B9.3/12 then m else –.	“an instance supports it and no RepairActivity object is contained in an instance of this object class or its subclasses.”
c5		“the objectCreation and objectDeletion notifications identified in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c:o.1		At least one notification field must be supported
c:o.2		At least one notification field must be supported
c:o.3		At least one notification field must be supported
c:o.4		At least one notification field must be supported
c:o.5		At least one notification field must be supported
c:o.6		At least one notification field must be supported
c:o.7		At least one notification field must be supported
c:o.8		At least one notification field must be supported
c:o.9		At least one notification field must be supported
c:o.10		At least one notification field must be supported
c:o.11		At least one notification field must be supported
c:o.12		At least one notification field must be supported

TABLE B9.10/X.790
troubleReport Name Binding support

(There are no name bindings specified for this managed object class.)

B10 troubleReportFormatDefn

TABLE B10.1/X.790

troubleReportFormatDefn Managed object class support

Index	Managed object class template label	Value of object identifier for the managed object 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	troubleReportFormatDefn	{0 0 24 790 0 3 10}		

TABLE B10.2/X.790

troubleReportFormatDefn Actual class support

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

TABLE B10.3/X.790

troubleReportFormatDefn 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}	“an instance supports allomorphism”	o		
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: packagesPackage	{2 9 3 2 4 16}	“any registered package other than this has been instantiated”	c1		
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: topPackage		Mandatory	m		
4	trfdApplicableManagedObjectClassListPkg	{0 0 24 790 0 4 100}	“an instance supports it.”	o		
5	trfdApplicableManagedObjectInstanceListPkg	{0 0 24 790 0 4 101}	“an instance supports it.”	o		
6	trfdAttributeValueChangePkg	{0 0 24 790 0 4 105}	“an instance supports it.”	o		
7	trfdObjectCreationDeletionPkg	{0 0 24 790 0 4 106}	“an instance supports it.”	o		

TABLE B10.3/X.790 (concluded)
troubleReportFormatDefn Package support

Index	Package template label	Value of object identifier for package	Constraints and values	Status	Support	Additional information
8	trfdTrConstrainedToSingleValueAttrIDListPkg	{0 0 24 790 0 4 102}	“an instance supports it.”	o		
9	trfdTrMayBePresentAttrIDListPkg	{0 0 24 790 0 4 103}	“an instance supports it.”	o		
10	trfdTrMustBePresentAttrIDListPkg	{0 0 24 790 0 4 104}	“an instance supports it.”	o		
11	troubleReportFormatDefnPkg	(Not registered)	Mandatory	m		

TABLE B10.4/X.790
troubleReportFormatDefn Attribute support

Index	Attribute template label	Value of object identifier for attribute	Constraints and values	Set by create		Get	
				Status	Support	Status	Support
1	applicableManagedObjectClassList	{0 0 24 790 0 7 16}	SET OF ObjectClass	o		o	
2	applicableManagedObjectInstanceList	{0 0 24 790 0 7 17}	SET OF ObjectInstance	o		o	
3	tRConstrainedToSingleValueAttrIDList	{0 0 24 790 0 7 94}	SET OF AttributeId	o		o	
4	tRFormatID	{0 0 24 790 0 7 96}	INTEGER	m		m	
5	tRMayBePresentAttrIDList	{0 0 24 790 0 7 99}	SET OF AttributeId	o		o	
6	tRMustBePresentAttrIDList	{0 0 24 790 0 7 98}	SET OF AttributeId	o		o	

TABLE B10.4/X.790 (continued)
troubleReportFormatDefn Attribute support

Index	Replace		Add		Remove	
	Status	Support	Status	Support	Status	Support
1	—		—		—	
2	—		—		—	
3	—		—		—	
4	—		—		—	
5	—		—		—	
6	—		—		—	

TABLE B10.4/X.790 (concluded)

troubleReportFormatDefn Attribute support

	Set to default		
Index	Status	Support	Additional information
1	–		
2	–		
3	–		
4	–		
5	–		
6	–		

TABLE B10.5/X.790

troubleReportFormatDefn Attribute group support

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

TABLE B10.6/X.790

troubleReportFormatDefn Action support

(There are no actions specified for this managed object class.)

TABLE B10.7/X.790
troubleReportFormatDefn Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
1	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: attributeValueChange	{2 9 3 2 10 1}		m				1.1
								1.1.1
								1.1.2
								1.1.2.1
								1.1.2.2
								1.1.3
								1.1.3.1
								1.1.3.1.1
								1.1.3.1.2
								1.1.3.2
								1.1.3.3
								1.1.4
								1.1.5
								1.1.5.1
								1.1.5.2
								1.1.5.2.1
								1.1.5.2.1.1
								1.1.5.2.1.2
								1.1.5.2.2
								1.1.5.2.3
								1.1.5.2.3.1
								1.1.5.2.3.2
								1.1.6
								1.1.7
								1.1.7.1
								1.1.7.2
								1.1.7.3
2	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectCreation	{2 9 3 2 10 6}		c2				2.1
								2.1.1
								2.1.2
								2.1.2.1
								2.1.2.1.1
								2.1.2.1.2
								2.1.2.2
								2.1.3

TABLE B10.7/X.790 (continued)
troubleReportFormatDefn Notification support

					Support			
Index	Notification type template label	Value of object identifier for attribute	Constraints and values	Status	Con- firmed	Non-con- firmed	Additional information	Subindex
								2.1.4
								2.1.4.1
								2.1.4.2
								2.1.4.2.1
								2.1.4.2.1.1
								2.1.4.2.1.2
								2.1.4.2.2
								2.1.4.2.3
								2.1.4.2.3.1
								2.1.4.2.3.2
								2.1.5
								2.1.6
								2.1.6.1
								2.1.6.2
								2.1.6.3
3	CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: objectDeletion	{2 9 3 2 10 7}		c2				3.1
								3.1.1
								3.1.2
								3.1.2.1
								3.1.2.1.1
								3.1.2.1.2
								3.1.2.2
								3.1.3
								3.1.4
								3.1.4.1
								3.1.4.2
								3.1.4.2.1
								3.1.4.2.1.1
								3.1.4.2.1.2
								3.1.4.2.2
								3.1.4.2.3
								3.1.4.2.3.1
								3.1.4.2.3.2
								3.1.5
								3.1.6
								3.1.6.1
								3.1.6.2
								3.1.6.3

TABLE B10.7/X.790 (continued)

troubleReportFormatDefn Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
1	1.1	AttributeValueChangeInfo		Information Syntax SEQUENCE	m		
	1.1.1	sourceIndicator	{2 9 3 2 7 26}	ENUMERATED	0		
	1.1.2	attributeIdentifierList	{2 9 3 2 7 8}	SET OF CHOICE	0		
	1.1.2.1	globalForm	–	OBJECT IDENTIFIER	c:o.1		
	1.1.2.2	localForm	–	INTEGER	c:o.1		
	1.1.3	attributeValueChangeDefinition	{2 9 3 2 7 10}	SET OF SEQUENCE	m		
	1.1.3.1	attributeID	–	CHOICE	c:m		
	1.1.3.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.2		
	1.1.3.1.2	localForm	–	INTEGER	c:o.2		
	1.1.3.2	oldAttributeValue	–	ANY DEFINED BY attributeID	o		
	1.1.3.3	newAttributeValue	–	ANY DEFINED BY attributeID	m		
	1.1.4	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	1.1.5	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	1.1.5.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	1.1.5.2	sourceObjectList	–	CHOICE	c:o		
	1.1.5.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.1.2	AttributeValue	–	ANY	c:m		
	1.1.5.2.2	nonSpecialForm	–	OCTET STRING	c:o.3		
	1.1.5.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.3		
	1.1.5.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	1.1.5.2.3.2	AttributeValue	–	ANY	c:m		
	1.1.6	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	1.1.7	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	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		

TABLE B10.7/X.790 (continued)
troubleReportFormatDefn Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
2	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 SEQUENCE	o		
	2.1.2.1	attributrId	–	CHOICE	c:m		
	2.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.4		
	2.1.2.1.2	localForm	–	INTEGER	c:o.4		
	2.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		
	2.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	2.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	2.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	2.1.4.2	sourceObjectList	–	CHOICE	c:o		
	2.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	2.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o.5		
	2.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.5		
	2.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	2.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	2.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	2.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	2.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	2.1.6.2	significance	–	BOOLEAN	c:o		
	2.1.6.3	information	–	ANY DEFINED By identifier	c:m		
3	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 SEQUENCE	o		
	3.1.2.1	attributrId	–	CHOICE	c:m		
	3.1.2.1.1	globalForm	–	OBJECT IDENTIFIER	c:o.6		
	3.1.2.1.2	localForm	–	INTEGER	c:o.6		
	3.1.2.2	attributeValue	–	ANY DEFINED By attributeID	c:m		

TABLE B10.7/X.790 (concluded)

troubleReportFormatDefn Notification support

Index	Subindex	Notification field name label	Value of object identifier of attribute type associated with field	Constraints and values	Status	Support	Additional information
	3.1.3	notificationIdentifier	{2 9 3 2 7 16}	INTEGER	o		
	3.1.4	correlatedNotifications	{2 9 3 2 7 12}	SET OF SEQUENCE	o		
	3.1.4.1	correlatedNotifications	{2 9 3 2 7 12}	SET OF INTEGER	c:m		
	3.1.4.2	sourceObjectInst	–	CHOICE	c:o		
	3.1.4.2.1	distinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.1.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.1.2	AttributeValue	–	ANY	c:m		
	3.1.4.2.2	nonSpecialForm	–	OCTET STRING	c:o		
	3.1.4.2.3	localDistinguishedName	–	SEQUENCE OF SET OF SEQUENCE	c:o.7		
	3.1.4.2.3.1	AttributeType	–	OBJECT IDENTIFIER	c:m		
	3.1.4.2.3.2	AttributeValue	–	ANY	c:m		
	3.1.5	additionalText	{2 9 3 2 7 7}	GraphicString	o		
	3.1.6	additionalInformation	{2 9 3 2 7 6}	SET OF SEQUENCE	o		
	3.1.6.1	identifier	–	OBJECT IDENTIFIER	c:m		
	3.1.6.2	significance	–	BOOLEAN	c:o		
	3.1.6.3	information	–	ANY DEFINED By identifier	c:m		

TABLE B10.8/X.790

troubleReportFormatDefn Parameter support

(There are no parameters specified for this managed object class.)

TABLE B10.9/X.790
troubleReportFormatDefn Condition support

Condition number	Condition	Reference
c1	B10.9/2	“any registered package, other than this package has been instantiated.”
c2		“the objectCreation and objectDeletion notifications identified in CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992 is supported by an instance of this class.”
c:o.1		At least one notification field must be supported
c:o.2		At least one notification field must be supported
c:o.3		At least one notification field must be supported
c:o.4		At least one notification field must be supported
c:o.5		At least one notification field must be supported
c:o.6		At least one notification field must be supported
c:o.7		At least one notification field must be supported
c:o.8		At least one name binding must be supported and if a functional unit requires a particular namebinding, then that must be supported.

TABLE B10.10/X.790
troubleReportFormatDefn Name Binding support

Index	Name binding template label	Value of object identifier for attribute	Constraints and values	Status	Support	Additional information	Subindex
1	troubleReportFormatDefn-network	{0 0 24 790 0 6 17}	Superior class: Rec. M.3100:1992: network AND SUBCLASSES	c:o.8			1.1
							1.2
							1.3
							1.4
							1.5
							1.6
2	troubleReportFormatDefn-system	{0 0 24 790 0 6 18}	Superior class: CCITT Rec. X.721 (1992) ISO/IEC 10165-2:1992: system	c:o.8			2.1
							2.2
							2.3
							2.4
							2.5
							2.6

TABLE B10.10/X.790 (*concluded*)
troubleReportFormatDefn Name Binding support

Index	Subindex	Operation	Constraints and values	Status	Support	Additional information
1	1.1	Create support		–		
	1.2	Create with reference object		–		
	1.3	Create with automatic instance naming		–		
	1.4	Delete support		–		
	1.5	Delete only if no contained objects		–		
	1.6	Delete contained objects		–		
2	2.1	Create support		–		
	2.2	Create with reference object		–		
	2.3	Create with automatic instance naming		–		
	2.4	Delete support		–		
	2.5	Delete only if no contained objects		–		
	2.6	Delete contained objects		–		

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