



INTERNATIONAL TELECOMMUNICATION UNION

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# X.790

**Corrigendum 2**  
(03/2001)

SERIES X: DATA NETWORKS AND OPEN SYSTEM  
COMMUNICATIONS

OSI management – Management functions and ODMA  
functions

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Trouble management function for ITU-T  
applications

**Corrigendum 2**

ITU-T Recommendation X.790 – Corrigendum 2

(Formerly CCITT Recommendation)

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**Trouble management function for ITU-T applications**

**CORRIGENDUM 2**

**Summary**

These changes are necessary to correct defects in Corrigendum 1, thus they reference the "Sn" labelled indexes from ITU-T X.790 (Cor.1).

**Source**

Corrigendum 2 to ITU-T Recommendation X.790 was prepared by ITU-T Study Group 4 (2001-2004) and approved under the WTSA Resolution 1 procedure on 1 March 2001.

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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## ITU-T Recommendation X.790

### Trouble management function for ITU-T applications

#### CORRIGENDUM 2

##### 1) Reference in Corrigendum 1: The second change (3.27.2 S2)

Nature of defect: This changes TroubleFound to add a noTroubleFoundValue. However it also incorrectly leaves the extensibility marker (...) at the end of the number component. An ASN.1 INTEGER is inherently extensible, so the ... marker is not valid.

*The end of the replacement text should look like:*

```
referredOut (59),
network      (60)
},
identifier OBJECT IDENTIFIER,
noTroubleFoundValue NULL, -- used when TroubleFound not relevant --
...
}
```

(This fix is reflected in 3.27.17 S17.)

##### 2) Reference in Corrigendum 1: The sixth change (3.27.6 S6), item 3

Nature of defect: Provides incorrect values to the several initial values, since the relevant types are SET OF SEQUENCE.

**repairActivityListRepairActivityListInitial RepairActivityList::= {} -- EMPTY SEQUENCE**

*should be changed to:*

**repairActivityListRepairActivityListInitial RepairActivityList::= {} -- EMPTY SET OF**

*and:*

**activityDurationactivityDurationInitial ActivityDuration::={ } -- EMPTY SEQUENCE**

*should be changed to:*

**activityDurationactivityDurationInitial ActivityDuration::={} -- EMPTY SET OF**

##### 3) Reference in Corrigendum 1: The seventh change (3.27.7 S7)

Nature of defect: Adds references to DMI attributes. Need to use the "full" name of DMI, rather than "Rec. X.721:1992".

**"Rec. X.721:1992":managedObjectInstance**

*should be changed in two places to:*

**"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 : 1992":managedObjectInstance**

#### 4) Reference in Corrigendum 1: The eighteenth change (3.27.18 S18)

Nature of defect: Incorrectly refers to ActivityInfo, and does not refer to HandOffTime.

Changes to Corrigendum 1 text:

- 1) *remove ActivityInfo from list.*
- 2) *add HandOffTime to list.*

#### 5) Reference in Corrigendum 1: The nineteenth change (3.27.19 S19)

Nature of defect: Adds identifiers to most types, but fails to cover WeekMask.

*Change to:*

```
WeekMask::=SEQUENCE{
daysOfWeek BIT STRING{
sunday      (0),
monday      (1),
tuesday     (2),
wednesday   (3),
thursday    (4),
friday      (5),
saturday    (6)
} DEFAULT '111111'B,
intervalsOfDay SET OF SEQUENCE{
intervalStart Time24,
intervalEnd   Time24
}
}
DEFAULT {{
intervalStart {hour 0, minute 0},
intervalEnd   {hour 23, minute 59}}},
...
}
```

#### 6) Reference in Corrigendum 1: The twenty-fourth change (3.27.24 S24)

Nature of defect: This says to add a name binding for PTR to Account, but does not provide the actual GDMO.

*Add the following name binding:*

```
providerTroubleReport-account NAME BINDING
SUBORDINATE OBJECT CLASS providerTroubleReport;
NAMED BY SUPERIOR OBJECT CLASS account;
WITH ATTRIBUTE troubleReportID;
CREATE
WITH-AUTOMATIC-INSTANCE-NAMING,
WITH-REFERENCE-OBJECT
troubleReportAlreadyExists
fallBackReporting
tRMustBePresentAttributeMissing;
REGISTERED AS {x790NameBinding 20};
```

**7) Reference in Corrigendum 1: The twenty-fifth change (3.27.25 S25)**

Nature of defect: This says "Complete reference is to be used consistently for each occurrence of the reference to X.721."

*Provide the reference:*

**"CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 : 1992"**





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