



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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## **ITU-T Recommendation X.790**

### **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:*

`activityDurationactivityDuarationInitial ActivityDuration::={ } -- EMPTY SEQUENCE`

*should be changed to:*

`activityDurationactivityDuarationInitial 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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