



INTERNATIONAL TELECOMMUNICATION UNION

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# X.751

**Corrigendum 1**  
(06/98)

SERIES X: DATA NETWORKS AND OPEN SYSTEM  
COMMUNICATIONS

OSI management – Management functions and ODMA  
functions

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Information technology – Open Systems  
Interconnection – Systems management:  
Changeover function

**Technical corrigendum 1**

ITU-T Recommendation X.751 – Corrigendum 1

(Previously CCITT Recommendation)

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**INTERNATIONAL STANDARD 10164-17**

**ITU-T RECOMMENDATION X.751**

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: CHANGEOVER FUNCTION**

**TECHNICAL CORRIGENDUM 1**

**Source**

The ITU-T Recommendation X.751, corrigendum 1 was approved on the 26th of June 1998. The identical text is also published as ISO/IEC International Standard 10164-17.

## FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The 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 Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 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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## INTERNATIONAL STANDARD

## ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: CHANGEOVER FUNCTION

## TECHNICAL CORRIGENDUM 1

## 1) Subclause A.1

*Replace* DEFINED AS "See 8.2.1.1." *with* DEFINED AS "See 8.2.1.1.";;

## 2) Subclause A.2

*In* primary-backedUpObject

*replace* DERIVED FROM top;

*with* DERIVED FROM "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": top;

*replace* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState GET;;

*with* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": operationalState GET;;;

*In* secondary-backUpObject

*replace* DERIVED FROM top;

*with* DERIVED FROM "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": top;

*replace* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": standbyStatus GET;;

*with* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": standbyStatus GET;;;

*replace* CONDITIONAL PACKAGE

*with* CONDITIONAL PACKAGES

*In* changeOverControlObject

*replace* DERIVED FROM top;

*with* DERIVED FROM "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": top;

*replace* CHARACTERIZED BY changeOverControlObjectPackage PACKAGE

*with* CHARACTERIZED BY changeOverActionPackage,  
changeoverControlObjectPackage PACKAGE

*replace* primaryObject GET;;,

*with* primaryObject GET;;;

*remove* changeOverActionPackage;

*replace* CONDITIONAL PACKAGE

*with* CONDITIONAL PACKAGES

*In backUpObjectAttributePackage*

*replace* "The primary-backed-up object does not have the backedUpObject attribute.";

*with* "The primary-backed-up object does not have the backedUpObject attribute";

### 3) Subclause A.3

*In backedUpObjectAttributePackage*

*replace* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": backedUpObject GET,

*with* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": backedUpObject GET;

*In backUpObjectAttributePackage*

*replace* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": backUpObject GET,

*with* "Rec. X.721 (1992) | ISO/IEC 10165-2:1992": backUpObject GET;

*replace* REGISTERED AS {changeOverFunctionPackage 2};

*with* REGISTERED AS {part17Package 2};

### 4) Subclause A.4

*Replace* WITH ATTRIBUTE SYNTAX ChangeOverASN1Productions.PrimaryObject

*with* WITH ATTRIBUTE SYNTAX ChangeOverASN1Productions.PrimaryObject;

*Replace* MATCHES FOR EQUALITY

*with* MATCHES FOR EQUALITY;

*Replace* REGISTERED AS {part17Attribute 1}

*with* REGISTERED AS {part17Attribute 1};

### 5) Subclause A.5

*In changeOver*

*replace* WITH RESULT SYNTAX

*with* WITH REPLY SYNTAX

*In changeBack*

*replace* DEFINED AS "See 8.6.2.1.";

*with* DEFINED AS "See 8.6.2.1.";

### 6) Annex B

*In CMIP-1*

*replace* {joint-iso-ccitt ms(9) cmip(1) version(1) protocol(3)};

*with* {joint-iso-itu-t ms(9) cmip(1) modules(0) protocol(3)};

*Replace the production for BackUpInfo with the following:*

**BackUpInfo ::= SEQUENCE{**  
    backedUpObjectSpecified       [0] OptionalObject DEFAULT noObject:NULL,  
    backUpObjectSpecified         [1] OptionalObject DEFAULT noObject:NULL,  
    backedUpObjectExisting        [2] OptionalObject DEFAULT noObject:NULL,  
    backUpObjectExisting          [3] OptionalObject DEFAULT noObject:NULL}



*Replace the production for **BackUpObject** with the following:*

**BackUpObject ::= OptionalObject**

*Replace the production for **ChangeBackInfo** with the following:*

**ChangeBackInfo ::= SEQUENCE{**  
     **backedUpObject**                   **[0] ObjectInstance,**  
     **backUpObject**                   **[1] OptionalObject DEFAULT noObject:NULL,**  
     **backedUpObjectChanges**       **[2] IMPLICIT ExpectedAttributeList OPTIONAL,**  
     **backUpObjectChanges**       **[3] IMPLICIT ExpectedAttributeList OPTIONAL}**

*Replace the production for **ChangeOverInfo** with the following:*

**ChangeOverInfo ::= SEQUENCE{**  
     **primary**                       **[0] ObjectInstance,**  
     **secondary**                   **[1] OptionalObject DEFAULT noObject:NULL,**  
     **primaryChanges**           **[2] IMPLICIT ExpectedAttributeList OPTIONAL,**  
     **secondaryChanges**       **[3] IMPLICIT ExpectedAttributeList OPTIONAL}**

*In the production for **ExpectedAttributeList***

*replace*   **modifyOperator [0] IMPLICIT ModifyOperator   DEFAULT replace,**

*with*      **modifyOperator [2] IMPLICIT ModifyOperator   DEFAULT replace,**

*Replace the production for **NoSuchRelationship** with the following:*

**NoSuchRelationship ::= SEQUENCE{**  
     **relationshipClass**           **OBJECT IDENTIFIER,**  
     **relationshipBinding**       **OBJECT IDENTIFIER OPTIONAL,**  
     **relationshipInstance**       **[0] RelationshipInstance OPTIONAL}**



## ITU-T RECOMMENDATIONS SERIES

Series A	Organization of the work of the ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
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Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
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