INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.213
Amendment 2
(03/2000)

SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

Open Systems Interconnection – Service definitions

Information technology – Open Systems Interconnection – Network service definition

Amendment 2: Addition of the authority and format identifier for ITU-T International Network Designators

ITU-T Recommendation X.213 – Amendment 2

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INTERNATIONAL STANDARD ISO/IEC 8348

ITU-T RECOMMENDATION X.213

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – NETWORK SERVICE DEFINITION

AMENDMENT 2

ADDITION OF THE AUTHORITY AND FORMAT IDENTIFIER FOR ITU-T INTERNATIONAL NETWORK DESIGNATORS

Summary

Amendment 2 to ITU-T Rec. X.213 | ISO/IEC 8348 defines a new Authority and Format Identifier (AFI) for use when Network Service Access Point (NSAP) addresses and Group Network Addresses (GNAs) are based on International Network Designators assigned by ITU-T in accordance with ITU-T E.191-1.

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 Conference (WTSC), 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 WTSC 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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AMENDMENT 2

ADDITION OF THE AUTHORITY AND FORMAT IDENTIFIER FOR ITU-T INTERNATIONAL NETWORK DESIGNATORS

1)   Subclause 2.3

Add a new reference:

– ITU-T Recommendation E.191-1 (2001), *Criteria and procedures for the allocation of ITU-T International Network Designator addresses.*

2)   Subclause A.5.2.1.2

In Table A.1, replace the third line, first column, 34-39, 40-49, 50-59, *with:*

34-39, 40-49, 50-59, 76-77

In Table A.1, replace the fifth line, first column, 70-79, *with:*

70-75, 78-79

Add a new row to the beginning of Table A.4:

ITU-T IND	76	77	///////////////////	///////////////////

3)   New subclause A.5.2.1.2.9

Add a new subclause, A.5.2.1.2.9, after A.5.2.1.2.8:

A.5.2.1.2.9   ITU-T IND IDI format

The IDI consists of a fixed length 6-digit numeric code identifying an International Network Designator (IND) allocated according to administrative procedures defined in ITU-T E.191-1. The IND identifies an authority responsible for allocating and assigning values of the DSP.

4)   Subclause A.5.2.3

Add a new row to the end of Table A.5:

ITU-T IND	32	16	///////////////////	///////////////////

5)   Subclause B.1

Add a new paragraph to the end of this subclause:

The ITU-T IND format is included so as to allow for the designation of an organization responsible for operating one or more networks as an authority for the assignment of NSAP addresses according to the hierarchy appropriate for the organization (which may or may not be based on geographical or national boundaries). The way in which addresses are allocated and assigned in the ITU-T IND format is determined by the designated organization, which might, for example, be an ATM service provider or other organization.

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