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**Information technology — Open Systems  
Interconnection — Network Service  
Definition**

**AMENDMENT 2: Addition of the Authority and  
Format Identifier for ITU-T International  
Network Designators**

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*Technologies de l'information — Interconnexion des systèmes ouverts —  
Définition du service de réseau*

*AMENDEMENT 2: Addition de l'identificateur d'autorité et de format pour  
les autorités de désignation du réseau international UIT-T*

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## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 2 to ISO/IEC 8348:1996 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.213/Amd.2.

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## INTERNATIONAL STANDARD

## ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
NETWORK SERVICE DEFINITION

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

70-75, 78-79
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Add a new row to the beginning of Table A.4:

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