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ITU-T

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TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

(03/93)

INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

GENERAL STRUCTURE

VOCABULARY OF TERMS FOR UNIVERSAL PERSONAL TELECOMMUNICATION

ITU-T Recommendation I.114

(Previously “CCITT Recommendation”)

FOREWORD

The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the International Telecommunication Union. 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, established the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

ITU-T Recommendation I.114 was prepared by the ITU-T Study Group XVIII (1988-1993) and was approved by the WTSC (Helsinki, March 1-12, 1993).

NOTES

1 As a consequence of a reform process within the International Telecommunication Union (ITU), the CCITT ceased to exist as of 28 February 1993. In its place, the ITU Telecommunication Standardization Sector (ITU-T) was created as of 1 March 1993. Similarly, in this reform process, the CCIR and the IFRB have been replaced by the Radiocommunication Sector.

In order not to delay publication of this Recommendation, no change has been made in the text to references containing the acronyms "CCITT, CCIR or IFRB" or their associated entities such as Plenary Assembly, Secretariat, etc. Future editions of this Recommendation will contain the proper terminology related to the new ITU structure.

2 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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VOCABULARY OF TERMS FOR UNIVERSAL PERSONAL TELECOMMUNICATION

(Helsinki, 1993)

Preamble to UPT Recommendations

This Recommendation contains a vocabulary of terms used in the following Recommendations on universal personal telecommunication (UPT):

E.168 Application of E. 164 numbering plan for UPT

F.850 Principles of universal personal telecommunication – UPT

I.114 Vocabulary of terms for universal personal telecommunication

I.373 Network capabilities to support universal personal telecommunication

Introduction

This Recommendation consists primarily of those terms and definitions that are considered essential to the understanding and application of the principles of universal personal telecommunication (UPT). They are not exclusive to UPT and are recommended also for application, insofar as they are relevant, to other types of telecommunication networks and services.

Included are terms that may already be defined in other, CCITT/CCIR Recommendations. However, the definitions given here embrace only the essential concepts and on this basis it is considered that they are not inconsistent with the more specialized definitions that appear in those Recommendations.

According to the conventions applied in vocabulary Recommendations, any term in common usage, but whose use is deprecated, is shown in square brackets.

Where a truncated term is widely used in an understood context, the complete term is quoted following the colloquial form.

Some definitions include terms in bold face to indicate that these terms are defined elsewhere in this Recommendation.

Annex A contains an alphabetical list of all the terms contained in this Recommendation.

Annex B contains a list of abbreviations and acronyms which are used in UPT Recommendations.

1 Vocabulary of terms

101 **terminal mobility**

F: mobilité du terminal
S: movilidad del terminal

The ability of a terminal to access telecommunication services from different locations and while in motion, and the capability of the network to identify and locate that terminal.

102 **personal mobility**

F: mobilité de la personne
S: movilidad personal

The ability of a user to access telecommunication services at any terminal on the basis of a personal identifier, and the capability of the network to provide those services according to the user's service profile.

NOTE – **Personal mobility** involves the network capability to locate the terminal associated with the user for the purposes of addressing, routing and charging of the user's calls.

103 **universal personal telecommunication (UPT) service**

F: service de télécommunications personnelles universelles (UPT)
S: servicio de telecomunicaci6n personal universal; servicio UPT

A service which provides **personal mobility** and **UPT service profile management**.

NOTES

1 This involves the network capability of uniquely identifying a **UPT user** by means of a **UPT number**.

2 The general principles of universal personal telecommunication are given in Recommendation F.850 "Principles of universal personal telecommunication".

104 **UPT customer [UPT subscriber]**

F: client du service de télécommunications personnelles universelles [abonné UPT]
S: cliente del servicio de telecomunicación personal universal; [abonado UPT]

A person who, or entity which, obtains a **UPT service** from a UPT service provider on behalf of one or more **UPT users** and is responsible for payment of the charges due to that service provider.

NOTE – The general term "customer" is defined in Recommendation D.000, Terms and definitions for the Series-D Recommendations.

105 **UPT user**

F: usager du service de télécommunications personnelles universelles
S: usuario del servicio de telecomunicación personal universal; usuario del servicio UPT

A person who, or entity which, has access to **universal personal telecommunication** (UPT) services and has been assigned a **UPT number.**

NOTE – The general term "user" is defined in Recommendation D.000, Terms and definitions for the Series-D Recommendations, and Recommendation I.112, Vocabulary of terms for ISDNs.

106 **universal personal telecommunication number (UPTN)**

F: numéro de télécommunications personnelles universelles (UPTN)
S: número de telecomunicación personal universal; número UPT (UPTN)

A number that uniquely identifies a **UPT user** and is used to place, or forward, a call to that user.

NOTE – A user may have more than one **UPT number** (for example a business **UPT number** for business calls and a private **UPT number** for private calls). In that case, from a network point of view, each **UPT number** is considered to identify a distinct **UPT user,** even if they all happen to identify the same person or entity.

107 **service profile, UPT service profile**

F: profil du service; profil du service UPT
S: perfil de servicio; perfil de servicio UPT

A record containing all the information related to a **UPT user** in order to provide that user with the **UPT service**.

NOTE – Each **UPT service profile** is associated with a single **UPT number.**

108 **service profile management; UPT service profile management**

F: gestion du profil du service; gestion du profil du service UPT
S: gestión de perfil de servicio; gestión de perfil de servicio UPT

The ability to access and manipulate the **UPT service profile.**

NOTE – **UPT service profile.management** can be performed by the **UPT user, UPT customer** or **UPT service provider**.

109 **call management**

F: gestion de I'appel
S: gestión de llamadas

The ability of a user to indicate to the network how to handle incoming calls according to certain parameters such as the originator of the call, the time of day and the nature of the call.

NOTE – **Call management** is done through the user's **service profile.**

110 **UPT routing address**

F: adresse d'acheminement UPT
S: dirección de encaminamiento de telecomunicación personal universal; dirección de encaminamiento UPT

A number used by the network to direct a call according to the user's **UPT service profile.**

Annex A

(to Recommendation I.114)

Alphabetical list of terms contained in this Recommendation[1)]

(This annex forms an integral part of this Recommendation)

109 call management

102 personal mobility

107 service profile

108 service profile management

101 terminal mobility

104 UPT customer

106 universal personal telecommunication number (UPTN)

103 universal personal telecommunication (UPT) service

110 UPT routing address

107 UPT service profile

108 UPT service profile management

104 [UPT subscriber] (deprecated)

105 UPT user

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1) The number against a term indicates its location in the vocabulary.

Annex B
(to Recommendation I.114)

List of Abbreviations and Acronyms

(This annex forms an integral part of this Recommendation)

The following list contains abbrebiations and acronyms used in the UPT Recommendations refenred in the preamble to this Recommendation.

CCAF	Call control access (agent) function
CCF	Connection (call) control function
FPLMTS	Future public land mobile telecommunication systems
ISDN	Integrated services digital network
MSC	Mobile-services switching centre
OAM	Operations and maintenance
OSS	Operations support system
PDN	Packet data network
PLMN	Public land mobile network
PSTN	Public switched telephone network
SCEF	Service creation environment function
SCF	Service control function
SDF	Service data function
SMAF	Service management access (agent) function
SMF	Service management function
SRF	Specialized resource function
SSF	Service switching function
UPT	Universal personal telecommunication
UPTN	Universal personal telecommunication number