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# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# F.853

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SERIES F: NON-TELEPHONE TELECOMMUNICATION  
SERVICES

Universal personal telecommunication

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**Supplementary services in the Universal  
Personal Telecommunication (UPT)  
environment**

ITU-T Recommendation F.853

(Previously CCITT Recommendation)

ITU-T F-SERIES RECOMMENDATIONS  
NON-TELEPHONE TELECOMMUNICATION SERVICES

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## ITU-T RECOMMENDATION F.853

### SUPPLEMENTARY SERVICES IN THE UNIVERSAL PERSONAL TELECOMMUNICATION (UPT) ENVIRONMENT

#### Summary

This Recommendation is intended to provide the service description and operational provisions for supplementary services in the Universal Personal Telecommunication (UPT) environment.

This Recommendation also provides information on interactions between UPT features/UPT supplementary services and supplementary services on a particular access (fixed or mobile).

#### Source

ITU-T Recommendation F.853 was prepared by ITU-T Study Group 2 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 9<sup>th</sup> of November 1998.

## FOREWORD

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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.

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**Recommendation F.853****SUPPLEMENTARY SERVICES IN THE UNIVERSAL PERSONAL  
TELECOMMUNICATION (UPT) ENVIRONMENT***(Geneva, 1998)***1 General****1.1 Scope**

This Recommendation is intended to provide the service description and operational provisions for supplementary services in the Universal Personal Telecommunication (UPT) environment.

The service aspects described in this Recommendation are not dependent on any specific technical implementation. It should be noted that the availability of some service features may be dependent on the development and deployment of the supporting technology [e.g. the availability of the different Capability Sets (CS) of the Intelligent Network].

This Recommendation also provides information on interactions between UPT features/UPT supplementary services and supplementary services on a particular access (fixed or mobile). This is contained in clause 3.

**1.2 General considerations****1.2.1 Service definitions**

Supplementary services in the UPT environment are classified into three categories:

- a) Supplementary services specific to UPT that are only applicable within UPT. An example of this is UPT number display and restriction.
- b) ISDN supplementary services defined in the I-series Recommendations. Some ISDN supplementary services can be used in the UPT environment but this necessitates a revision to the UPT specific options which are described in this Recommendation.
- c) Supplementary services defined in the ISDN I-series Recommendations, which are inherently supported by UPT features and are therefore not considered supplementary services for UPT.

Table 1 shows an overview of supplementary services in items b) and c) which will be considered as a first step in this Recommendation. Summary service definitions for these services are presented in clause 2.

