



INTERNATIONAL TELECOMMUNICATION UNION

**CCITT**

THE INTERNATIONAL  
TELEGRAPH AND TELEPHONE  
CONSULTATIVE COMMITTEE

**E.105**

(08/92)

**TELEPHONE NETWORK AND ISDN  
OPERATION, NUMBERING, ROUTING  
AND MOBILE SERVICE**

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**INTERNATIONAL TELEPHONE SERVICE**



**Recommendation E.105**

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## FOREWORD

The CCITT (the International Telegraph and Telephone Consultative Committee) is a permanent organ of the International Telecommunication Union (ITU). CCITT 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 Plenary Assembly of CCITT which meets every four years, establishes the topics for study and approves Recommendations prepared by its Study Groups. The approval of Recommendations by the members of CCITT between Plenary Assemblies is covered by the procedure laid down in CCITT Resolution No. 2 (Melbourne, 1988).

Recommendation E.105 was prepared by Study Group I and was approved under the Resolution No. 2 procedure on the 4th of August 1992.

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## CCITT NOTES

- 1) In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication Administration and a recognized private operating agency.
- 2) A list of abbreviations used in this Recommendation can be found in Annex A.

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**Recommendation E.105****INTERNATIONAL TELEPHONE SERVICE****1 General provisions**

1.1 These provisions define the operation of the international telephone service.

1.2 The telephone service is a public telecommunication service primarily intended for the exchange of information in the form of speech, whereby users can communicate directly and temporarily between themselves in conversational mode, and should be provided in accordance with the International Telecommunication Regulations [1], and the relevant CCITT Recommendations. The international telephone service can also support a number of non-voice services or applications such as facsimile and data transmission. Such applications are not dealt with specifically by this Recommendation, but, in principle, they should not degrade the quality of the telephone service.

1.3 Further provisions concerning operational aspects, such as traffic engineering, numbering, routing, quality of service, interconnection with mobile services and network management may be found in other E-Series Recommendations.

1.4 Provisions concerning accounting and charging in the telephone service may be found in the D-Series Recommendations.

1.5 Provisions concerning technical aspects of providing and maintaining the telephone service and associated supplementary services may be found in the G-, I-, M- and Q-Series Recommendations.

1.6 For the definition of terms concerning the international telephone service, see Recommendation E.100 [2].

**2 Operation of the international telephone service**

The telephone service is operated:

- automatically;
- semi-automatically;
- manually.

It is strongly recommended that the service should be provided on a fully automatic basis, and it should be possible for users to reach one another by fully automatic selection.

**2.1 Automatic operation**

2.1.1 In automatic operation, the user dials or keys the called number and the call is established automatically without the assistance of an operator.

2.1.2 To establish an international call in the automatic service, the user shall select:

- the access code to the international network, which is fixed according to national requirements;
- the telephone country code, in accordance with Recommendation E.164 [3];
- the national (significant) number, in accordance with Recommendation E.164 [3].

2.1.3 During the call set-up phase of the call, progress signals, tones and announcements should be in accordance with Recommendations E.180 [4], E.181 [5], E.182 [6], E.183 [7] and E.184 [8].