INTERNATIONAL TELECOMMUNICATION UNION

CCITT

F.82

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

TELEGRAPH AND MOBILE SERVICES OPERATIONS AND QUALITY OF SERVICE

OPERATIONAL PROVISIONS TO PERMIT INTERWORKING BETWEEN THE INTERNATIONAL TELEX SERVICE AND THE INTEX SERVICE

Recommendation F.82

Geneva, 1991

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 F.82 was prepared by Study Group I and was approved under the Resolution No. 2 procedure on the 11th of October 1991.

CCITT NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication Administration and a recognized private operating agency.

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OPERATIONAL PROVISIONS TO PERMIT INTERWORKING BETWEEN THE INTERNATIONAL TELEX SERVICE AND THE INTEX [1] SERVICE

1 Introduction

1.1 With the development of the Intex service there may be benefits to both customers and Administrations if an interworking capability with the international telex service is provided.

The service and operational provisions of the Intex service are described in Recommendation F.150.

2 Scope

2.1 This Recommendation sets out service and operational principles to permit interworking between terminals of the international telex service and Intex terminals.

3 Principles of interworking

3.1 These principles will provide for, but will not be limited to, real-time communication between terminal equipment.

3.2 The Quality of Service of the international telex service must not be degraded by any such interworking, nor will there be any burden placed on the international telex service.

3.3 There will be no requirement for the calling party to be aware of the characteristics of the called party for the purposes of call establishment and information transfer.

3.4 The format and the content of the message as printed at the transmitting and receiving terminal should be the same.

3.5 The international destination codes will be in accordance with Recommendation F.69. Further discrimination within national networks will be at the discretion of individual Administrations.

4 Operation

4.1 *Telex to Intex direction*

4.1.1 Calls should be established and cleared using normal telex call set-up and clearing procedures.

4.1.2 The service and operational provisions of Recommendation F.60 shall apply.

4.1.3 The answerback returned to the calling telex subscriber at call establishment or in response to a WRU signal during the text transfer stage shall be in accordance with the answerback requirements as specified in Recommendation F.60.

4.2 *Intex to telex direction*

4.2.1 Calls should be established and cleared using normal Intex call set-up and clearing procedures.

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[1] The use of the name Intex is conditional on it being freely available in Member countries and hence the name of the service offered may vary from contry to contry.

4.2.2 When the called party is a terminal of the international telex service, the service identifier **TLX** will be indicated at the Intex terminal.

When the call is established in manual mode, the Intex operator should be informed if a previously prepared message contains non-ITA2 characters. The procedures to be applied for automatic call set-up in the case where the Intex operator is not aware of the characteristics of the called party terminal are for further study.

4.2.3 The received answerback shall be in accordance with Recommendation F.60. There are networks, however, which do not implement answerback composition in accordance with Recommendation F.60 and the interworking provision should take this into account.

4.2.4 Speed and code conversion may require flow control. Any flow control requirement will be the responsibility of the Intex service.