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CCITT

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TELEGRAPH AND MOBILE SERVICES
OPERATIONS AND QUALITY OF SERVICE

INTERMEDIATE STORAGE DEVICES ACCESSED FROM THE INTERNATIONAL TELEX SERVICE USING SINGLE STAGE SELECTION – ANSWERBACK FORMAT

Recommendation F.74

Geneva, 1992

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.74 was revised by Study Group I and was approved under the Resolution No. 2 procedure on the 4th of August 1992.

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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(*revised 1992*)

1 Introduction

1.1 There is an increasing trend for mailbox and other intermediate storage devices to be connected accessed from the international telex service, with the ability to receive telex messages.

1.2 Such devices are allocated network addresses that are part of the telex numbering plan thereby allowing customers of the international telex service to communicate with them using normal telex procedures.

1.3 The message could remain in the storage device for some time awaiting forward transmission to or retrieval by the intended recipient.

1.4 The sender of the message (i.e. a telex customer) may be unaware that the addressee is a storage device, and will assume that, providing the answerback is present and correct at both start and end of the local record, the recipient will receive the message without any positive action on his part.

1.5 Such storage devices should be required to accept all calls delivered correctly by the international telex network, and to react promptly to ensure that ineffective usage of the international telex network is minimized.

2 Definitions

2.1 **intermediate storage device**

An intermediate storage device is defined as any device which provides the storage of messages originating in the international telex service prior to onward transmission to or retrieval by the intended recipient.

3 Scope

3.1 The provisions of this Recommendation apply to intermediate storage devices connected to a national telex network identified by individual telex addresses which are part of the national telex numbering plan. This Recommendation recognizes that currently implemented intermediate storage devices may not conform to these provisions. However, there would be advantages if existing equipment complied with the requirements of this Recommendation where possible, but that in any case new equipment should comply in order to maintain the quality of the international telex service.

3.2 The provisions of this Recommendation have particular application within the interworking scenarios described in the F.80- and U.200-Series Recommendations.

4 Call establishment to an intermediate storage device

4.1 Incoming calls to an intermediate storage device shall be handled in accordance with normal telex procedures, that is:

i) return of call connect in accordance with U-Series Recommendations;

ii) return of answerback formatted in accordance with Figure 1/F.74 in response to a received **WRU** signal;

iii) return of a clear confirmation signal in response to a received clear.

5 Format of answerbacks for intermediate storage devices

5.1 The answerbacks of intermediate storage devices shall be formatted in accordance with the rules given in Recommendation F.60; by in addition, shall contain combination 22 in figures (= sign) separating the alpha and figure parts of the answerback. The use of "=" in this way should be confined to the unique purpose of identifying such intermediate storage devices.

- Figure-shift or (if required by the network) letter-shift
- Carriage-return
- Line-feed
- National telex number of the intermediate storage device or (if letter-shift is fitted in the first position) figure-shift followed by the national telex number of the intermediate storage device
- "=" Combination No. 22 (see Notes 1 and 2)
- Letter-shift
- Space (optional)
- Letters indicating as explicitly as possible the name of the individual customer
- Space
- One or two letters of the telex network identification code listed in Recommendation F.69
- Letter shift (if required by the network)

Note 1 – It should be noted that some Administrations participating in the international telex service use combination 22 in the figure case (=) as the initial printing character of the answerback to indicate a bilingual terminal in its default Latin mode.

Note 2 – In networks which have in use answerback codes which are arranged in an order other than the preferred in Recommendation F.60, § 3.4.3, combination 22 in the figure case (=) (identifying an intermediate storage device) should be inserted immediately following the customer's number.

FIGURE 1/F.74

Answerback format