



INTERNATIONAL TELECOMMUNICATION UNION

CCITT

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

I.252.3

(08/92)

**INTEGRATED SERVICES DIGITAL
NETWORK (ISDN)**

**GENERAL STRUCTURE AND SERVICE
CAPABILITIES**

CALL FORWARDING NO REPLY

Recommendation I.252.3



Geneva, 1992



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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 I.252.3 was revised by Study Group I and was approved under the Resolution No. 2 procedure on the 4th of August 1992.

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 I.252.3

CALL FORWARDING NO REPLY

(revised 1992)

1 Definition

Call Forwarding No Reply permits a "served user" (see § 2.2) to have the network send to another number all incoming calls for the served user's ISDN number which meet no reply, or just those associated with a specified basic service which meet no reply. The served user's originating service is unaffected.

The forwarded-to number is registered with the network for use on all calls.

Note – In normal situations, the Call Forwarding No Reply service is provided on a per access basis. (In these situations, there is a one-to-one relationship between ISDN number and access.) However, the network may recognize multiple numbers on a single interface; in addition, it may not understand a complete ISDN number (e.g. Direct-Dialling-In). In these cases, the Call Forwarding No Reply service is offered on the basis of the part of the ISDN number which the network can recognize.

2 Description

2.1 General description

For a given ISDN number, the Call Forwarding No Reply (CFNR) service (including options), may be subscribed to for each basic service to which the user(s) of the number subscribes, or collectively for all the basic services to which the user(s) subscribes. Since subscription is on an ISDN number basis, the same call forwarding subscriptions will apply to all terminals using this number.

Two conditions of CFNR are possible as follows:

- 1) the call is offered and no indication of a compatible terminal is received; or
- 2) the call is offered and an indication of a compatible terminal is received.

Only case 2) is considered here. Case 1) is for further study.

Note – In this service description, it is assumed that a single ISDN number is not shared across multiple interfaces. A single ISDN number may, however, be shared by multiple terminals on the same interface. Procedures permitting an ISDN number to be shared across multiple interfaces are for further study. For multiple access installations, it may be possible for the user to specify, on activation, if the service is applicable to a specific access or all accesses associated with that installation.

The served user can request a different forwarded-to number for each basic service subscription parameter value to which he has subscribed.

An indication that the CFNR service is activated on a number may, as an option, be given to the user who has forwarding activated, each time an outgoing call is made. This may take the form of a special indication in the proceed response.

2.2 Specific terminology

Served user: User of a particular ISDN number who is requesting that calls to his number be forwarded. This user may also be referred to as the forwarding user or the called user.

Forwarded-to-user: User to whom the call shall be forwarded.

2.3 Qualifications on the applicability to telecommunications services

No restrictions identified.