INTERNATIONAL TELECOMMUNICATION UNION

CCITT D.240

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

GENERAL TARIFF PRINCIPLES

CHARGING AND ACCOUNTING IN INTERNATIONAL TELECOMMUNICATIONS SERVICES

CHARGING AND ACCOUNTING PRINCIPLES FOR TELESERVICES SUPPORTED BY THE ISDN

Recommendation D.240

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 D.240 was prepared by Study Group III and was approved under the Resolution No. 2 procedure on the 22 of March 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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CHARGING AND ACCOUNTING PRINCIPLES FOR TELESERVICES SUPPORTED BY THE ISDN

Preamble

This Recommendation sets out the charging and accounting principles for teleservices provided over the ISDN. It covers the teleservices currently contained in the following sections of Recommendation I.241: §.1 for telephony, §.2 for teletex, §.3 for telefax 4, §.4 for mixed mode, §.5 for videotex and §.6 for telex.

The CCITT,

considering

(a) that general principles for charging and accounting of international telecommunication services provided over the ISDN are contained in Recommendation D.210 which states that the charging and accounting principles should not be discriminatory, i.e., not depend on the type of information transmitted except where the costs incurred by the Administrations differ;

(b) that teleservices have the same lower layer attributes as the bearer services supporting them;

(c) that general principles for charging and accounting principles to be applied for international circuit-mode demand bearer services are contained in Recommendation D.220,

recommends that

1 Charging principles

1.1 The charging principles for teleservices should be based on those developed for the bearer service supporting them as shown in Table 1/D.240.

TABLE 1/D-240

	Associated bearer service
Telephony	3.1 kHz audio or 64 kbit/s unrestricted
Teletex	64 kbit/s unrestricted, or packet (see Note 1)
Telefax 4	64 kbit/s unrestricted, or packet (see Note 1)
Mixed mode	64 kbit/s unrestricted, or packet (see Note 1)
Videotex	64 kbit/s unrestricted, (see Note 2)
Telex	64 kbit/s unrestricted (see Note 2)

Note 1 — Tariff principles for packet mode bearer service have yet to be developed.

Note 2 — As currently defined in the Section of Recommendation I.241 described in the preamble.

1.2 Although the level of the charge is a national matter, it may vary in accordance with the higher layer functions associated with the supporting bearer service.

2 Accounting principle

2.1 Subject to bilateral agreement, the accounting rate for a teleservice should be based on the rate for the bearer service to which it relates as shown in Table 1/D.240.

Note – This principle does not cover the case where dissimilar bearer connection types are used to provide a particular teleservice.