



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

D.21

GENERAL TARIFF PRINCIPLES

**SPECIAL TARIFF PRINCIPLES
FOR SHORT TRANSACTION TRANSMISSIONS
ON THE INTERNATIONAL PACKET
SWITCHED PUBLIC DATA NETWORKS USING
THE FAST SELECT FACILITY
WITH RESTRICTION**

ITU-T Recommendation D.21

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation D.21 was published in Fascicle II.1 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Recommendation D.21

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(Melbourne, 1988)

Preamble

This Recommendation, sets out special tariff principles to be applied by Administration to short transaction transmissions carried over packet switched public data networks in international relations.

It is recognized that this is a rapidly changing environment, and that the principles developed to attract different types of data transmission traffic to packet switched public data networks should be pursued in the most flexible way possible in order to secure the interests of both users and Administrations.

1 Definitions

1.1 **Short transaction transmissions** – short duration virtual calls for which the information to be exchanged is low in volume and which must be quickly transmitted through the network. Normally there are less than 100 characters of user data and less than 30 s in connect time per call.

1.2 A technical alternative to establishing a normal virtual call for short transaction transmission is the use of the fast select facility, with restriction on response, as defined in Recommendation X.25. This facility allows the user the ability to take advantage of up to 128 characters in the user data field of both the call request and clear request packets and to set up and clear down the call in the minimum amount of time feasible.

2 Charging

2.1 A unit charge should be established for charging for short transaction transmissions using the fast select facility with restriction. Under this method of charging, volume and duration are not charged separately.

3 Accounting

3.1 Calls using the fast select facility with restriction may be accounted for on the basis of an agreed unit rate, or included in the accountable traffic on the basis of volume and duration.