



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

D.8

GENERAL TARIFF PRINCIPLES

SPECIAL CONDITIONS FOR THE LEASE OF INTERNATIONAL END-TO-END DIGITAL CIRCUITS FOR PRIVATE SERVICE

ITU-T Recommendation D.8

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation D.8 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.8

SPECIAL CONDITIONS FOR THE LEASE OF INTERNATIONAL END-TO-END DIGITAL CIRCUITS FOR PRIVATE SERVICE

(Melbourne, 1988)

1 Preamble

This Recommendation, which should be applied in conjunction with the provisions of Recommendation D.1, sets out the special conditions applicable to the leasing of international end-to-end digital circuits for private service.

2 Definition

An end-to-end digital leased circuit is one which uses exclusively digital transmission technology for the routing of information in the form of bit streams. The circuit may be established by conventional physical transmission media (coaxial cables or radio-relay links), by optical fibre cables, or by satellite links.

It may also consist of sections combining the different media indicated above.

3 Bit-rates offered

Circuits having the following standard classes of basic bit rates may be provided by Administrations for their customers:

- 2400 bit/s
- 4800 bit/s
- 9600 bit/s
- 32 kbit/s
- 56/64 kbit/s
- 1544/2048 kbit/s.

By agreement between Administrations, circuits at bit rates other than those mentioned above may be offered to meet specific customer requirements.

4 Tariff principles

Tariffs for end-to-end digital leased circuits should, in principle, be based on the following general principles:

- a) when establishing tariffs, the 56/64 kbit/s leased circuit should be taken as the reference service;
- b) a rational relationship should be established between the tariffs applicable to different classes of bit rates, with special attention to:
 - the structure of the costs incurred,
 - the capacity placed at the customer's disposal,
 - service quality parameters;
- c) Administrations may adopt different tariff structures to take into account both the different media and/or facilities used, and the varying costs of national and/or local extensions which may be needed to provide the service.