

Superseded by a more recent version



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

D.4

(07/96)

SERIES D: GENERAL TARIFF PRINCIPLES

General tariff principles – Private leased
telecommunication facilities

**Special conditions for the lease of international
(continental and intercontinental) sound- and
television-programme circuits for private
service**

ITU-T Recommendation D.4

Superseded by a more recent version

(Previously CCITT Recommendation)

Superseded by a more recent version

ITU-T D-SERIES RECOMMENDATIONS

GENERAL TARIFF PRINCIPLES

TERMS AND DEFINITIONS	D.0
GENERAL TARIFF PRINCIPLES	D.1–D.299
Private leased telecommunication facilities	D.1–D.9
Tariff principles applying to data communication services over dedicated public data networks	D.10–D.39
Charging and accounting in the international public telegram service	D.40–D.44
Charging and accounting in the international telemessage service	D.45–D.49
Charging and accounting in the international telex service	D.60–D.69
Charging and accounting in the international facsimile service	D.70–D.75
Charging and accounting in the international videotex service	D.76–D.79
Charging and accounting in the international phototelegraph service	D.80–D.89
Charging and accounting in the mobile services	D.90–D.99
Charging and accounting in the international telephone service	D.100–D.159
Drawing up and exchange of international telephone and telex accounts	D.160–D.179
International sound- and television-programme transmissions	D.180–D.184
Charging and accounting for international satellite services	D.185–D.189
Transmission of monthly international accounting information	D.190–D.191
Service and privilege telecommunications	D.192–D.195
Settlement of international telecommunication balances of accounts	D.196–D.209
Charging and accounting principles for international telecommunication services provided over the ISDN	D.210–D.279
Charging and accounting principles for universal personal telecommunication	D.280–D.284
Charging and accounting principles for intelligent network supported services	D.285–D.299
RECOMMENDATIONS FOR REGIONAL APPLICATION	D.300–D.699
Recommendations applicable in Europe and the Mediterranean Basin	D.300–D.399
Recommendations applicable in Latin America	D.400–D.499
Recommendations applicable in Asia and Oceania	D.500–D.599
Recommendations applicable to the African Region	D.600–D.699

For further details, please refer to ITU-T List of Recommendations.

Superseded by a more recent version

ITU-T RECOMMENDATION D.4

SPECIAL CONDITIONS FOR THE LEASE OF INTERNATIONAL (CONTINENTAL AND INTERCONTINENTAL) SOUND- AND TELEVISION-PROGRAMME CIRCUITS FOR PRIVATE SERVICE

Summary

This Recommendation details the provisions applicable to leased international (continental and intercontinental) sound- and television-programme circuits and associated control circuits for private service. The provisions of this Recommendation should be applied in conjunction with Recommendation D.1, except where specifically stated otherwise.

Sound- and television-programme circuits provided on an occasional basis are subject to the provisions of Recommendation D.180. Provisions governing the technical aspects and maintenance of sound- and television-programme circuits are contained in the J-, M-, and N-Series Recommendations.

Source

ITU-T Recommendation D.4 was revised by ITU-T Study Group 3 (1993-1996) and was approved under the WTSC Resolution No. 1 procedure on the 1st of July 1996.

Superseded by a more recent version

FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The ITU-T 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 World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1 (Helsinki, March 1-12, 1993).

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

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

© ITU 1996

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the ITU.

Superseded by a more recent version

CONTENTS

	Page
1	General principles 1
2	Definitions 1
2.1	Constitution of sound- and television-programme connections 1
3	Duration of the lease, charging and cancellation 2
4	Collection of charges – Accounting 3
4.1	Collection of charges 4
4.2	Remuneration of Administrations 4
4.3	Special conditions for temporarily leased circuits 4
4.4	Special conditions for permanently leased circuits 4
5	Allowances for interruption 4
6	Special conditions applicable to both leased sound- and television-programme circuits 4
7	Special conditions applicable to leased sound circuits 5
7.1	Types of sound circuits 5
8	Special conditions applicable to leased television circuits 5

Superseded by a more recent version

Recommendation D.4

SPECIAL CONDITIONS FOR THE LEASE OF INTERNATIONAL (CONTINENTAL AND INTERCONTINENTAL) SOUND- AND TELEVISION-PROGRAMME CIRCUITS FOR PRIVATE SERVICE

(revised in 1992 and in 1996)

1 General principles

1.1 The general principles as stated in clause 1/D.1 and clause 1/D.180, where applicable for leased international sound- and television-programme circuits, shall serve as the general principles for this Recommendation. The Administrations concerned may agree upon additional principles, if desired.

1.2 This Recommendation is intended to cover the use of circuits for sound- and television-programme transmission purposes only, unless otherwise agreed upon by the Administrations providing the circuits.

2 Definitions

The definitions applicable to the lease of sound- and television-programme circuits are contained in clause 2/D.180. Illustrative diagrams of such circuits are included herewith as examples for reference purposes. It should be noted that these diagrams, which are extracts from Recommendation D.180, do not cover all situations [e.g. leased sound- and television-programme circuits are not always routed by the International Sound Programme Centres (ISPCs)/International Television Programme Centres (ITPCs)].

Superseded by a more recent version

2.1 Constitution of sound- and television-programme connections

See Figures 1 and 2.

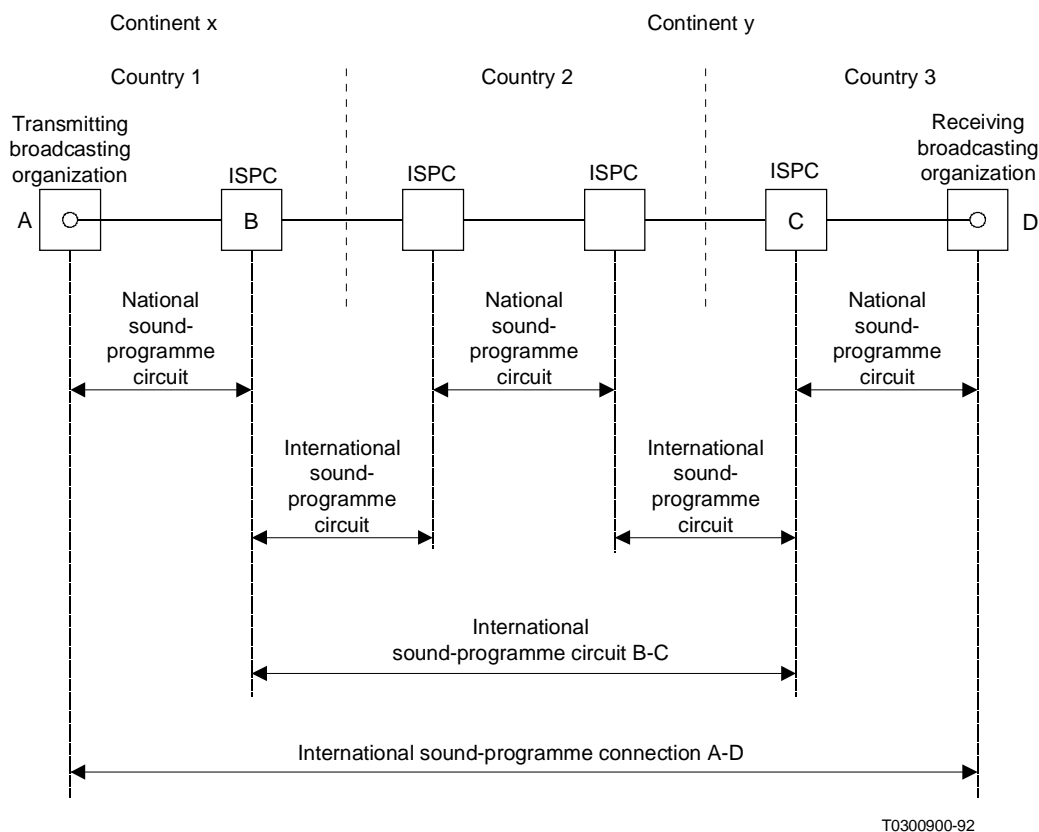


FIGURE 1/D.4

Example of an international sound-programme connection

3 Duration of the lease, charging and cancellation

3.1 This Recommendation applies to sound- and television-programme circuit leases for minimum periods as established by Administrations. This Recommendation shall apply to leases lasting normally not less than 24 hours taking into account the availability of the communications facilities used in the provision of these circuits (e.g. facilities may not be available in all cases for short-term use). If a circuit is cancelled at the request of a customer prior to the end of either the ordered or the minimum lease period, special charges may be applied as a result of early termination.

3.2 In the provision of leased sound- and television-programme circuits, Administrations should take into account the provisions of clause 5/D.1, where applicable.

3.3 In establishing the charges for leased sound- and television-programme circuits, Administrations should take into account the provisions of clause 6/D.1.

3.4 Administrations shall specify the period of notice required for cancellation prior to the initiation of service.

3.5 In the case of leased television-programme circuits, chargeable periods may commence on the day a circuit is activated and continue through the last day a circuit is furnished.

Superseded by a more recent version

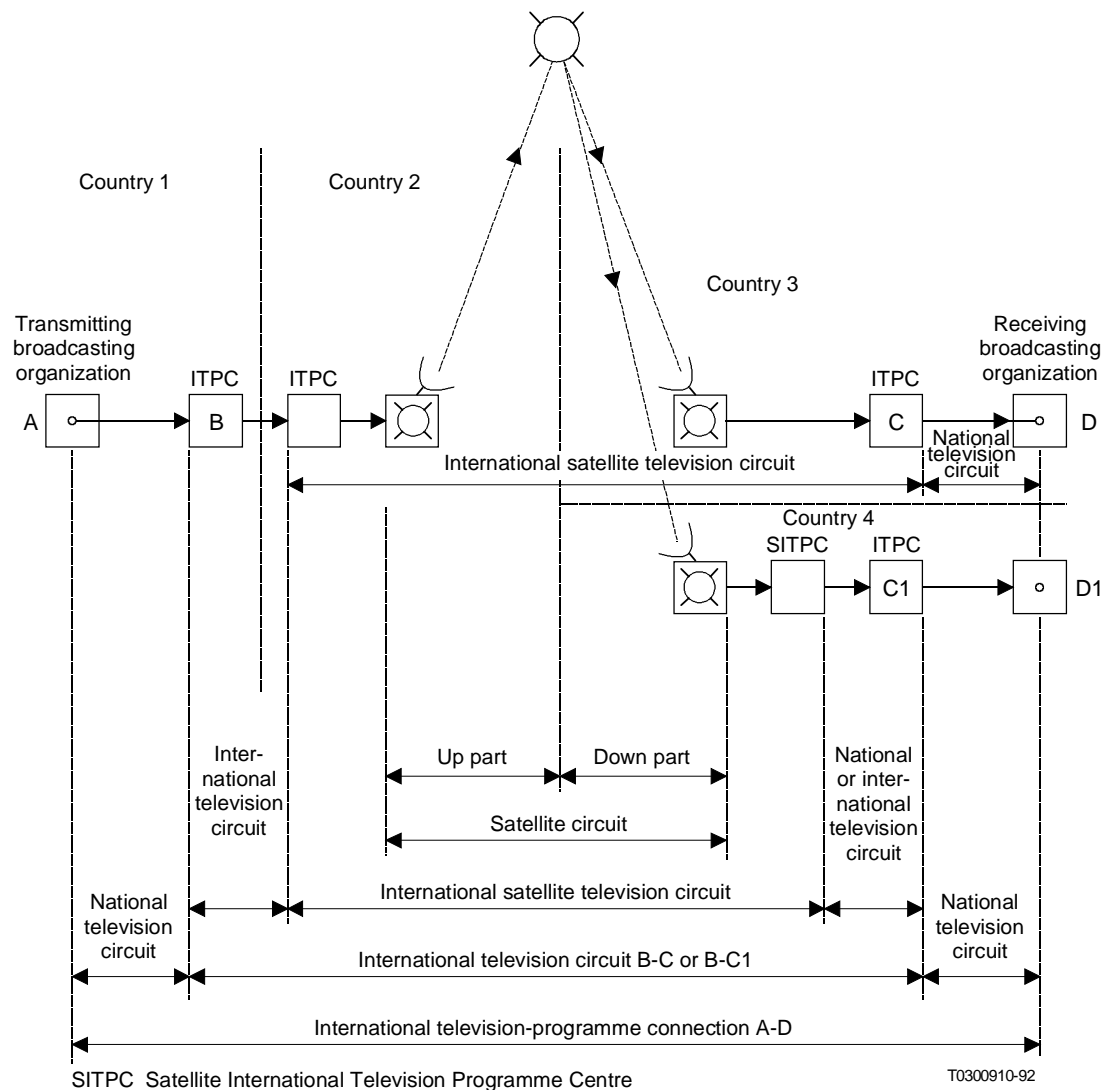


FIGURE 2/D.4

Example of an international television-programme connection involving a satellite circuit

3.6 In calculating the chargeable terrestrial circuit lengths, Administrations shall apply the arrangements in 5.5/D.180. In special cases, Administrations may agree among themselves upon the chargeable circuit lengths (e.g. for submarine cables, radio-relay links with difficult terrain conditions, transit circuits, etc.).

3.7 Administrations may establish additional charges for special services rendered at the request of customers. Examples of these special services are:

- the provision of leased programme circuits which are adapted for multiple use by means of equipment provided by Administrations;
- the provision of switching units at the ends of leased programme circuits to allow their connection with other circuits, e.g. with occasionally provided programme circuits;
- reversals in the direction of transmission;
- the establishment of special categories of circuits.

Superseded by a more recent version

4 Collection of charges – Accounting

4.1 Collection of charges

In principle, the Administration with which the order was placed is responsible for collecting the charge for the provision of circuits from the broadcasting organization which placed the order.

4.2 Remuneration of Administrations

The Administration with which the order for the provision of circuits is placed is responsible for the remuneration of all other Administrations involved. For this purpose, those Administrations should send the relevant details concerning the provision of circuits and the amounts corresponding to their credits with monthly documents or, if required, as soon as possible by facsimile or telex to the Administration responsible for collecting the charges.

4.3 Special conditions for temporarily leased circuits

The Administration responsible for the collection of charges may refuse to make any settlements of invoices presented by other Administrations more than 12 months after the date at which the circuits for the sound- and television-programme transmissions were provided.

4.4 Special conditions for permanently leased circuits

The charges for sound- and television-programme circuits provided on a permanent basis are normally payable in advance.

5 Allowances for interruption

5.1 In addition to the conditions specified herein, conditions for granting allowances for interruptions on leased sound- and television-programme circuits, with the exception of duration, shall follow the applicable provisions contained in clause 8/D.1 and 5.4/D.180.

5.2 The duration of interruption on leased sound-programme circuits before an allowance is initiated shall be equal to the periods stated in 8.1/D.1.

5.3 The duration of interruption on leased television-programme circuits before an allowance is initiated, shall be determined by the Administration concerned before service is started. In no case should this period be greater than the period indicated in 8.1/D.1; generally, the period should be of a lesser duration than that stated in 8.1/D.1.

6 Special conditions applicable to both leased sound- and television-programme circuits

6.1 Generally, leased sound- and television-programme circuits are unidirectional. In certain cases alternate two-way circuits are ordered by the customer.

6.2 As the use of circuits for routing programmes requires close collaboration on the part of the broadcasting organizations concerned, interconnected circuits may be made available by a customer to a coordinating body which acts as a user and operates the circuits in the form of a network. In establishing a network, Administrations should take account of the relevant parts of 5.1.5/D.180, 5.1.6/D.180 and 5.1.7/D.180.

6.3 Leased circuits established for the transmission of programmes may in turn be interconnected with circuits made available on an occasional basis by Administrations at the request of the broadcasting organizations.

Superseded by a more recent version

6.4 The interconnection of two or more networks may be authorized by the Administrations concerned.

6.5 Generally, Administrations will not levy any construction charges for terrestrial circuits with a minimum lease period of one year or more. In the case of terrestrial circuits with a lease period of less than one year, Administrations may claim reimbursement for any construction costs incurred, as well as a reasonable compensation for the procurement of special equipment requested by the customer.

6.6 For satellite circuits, Administrations should take into account the terms and conditions of the provider of the international satellite system being utilized.

7 Special conditions applicable to leased sound circuits

7.1 Types of sound circuits

7.1.1 The types of sound circuits that may be provided for the transmission of a sound programme, or a sound component of a television programme, are referred to as shown in Table 1 for ordering and charging purposes.

TABLE 1/D.4

Type of circuit	Approximate bandwidth
Narrow-band	3 kHz
Medium-band	5 kHz
Wideband	10 kHz
Very wideband	15 kHz
Stereophonic pair	2 at 15 kHz each

Detailed technical parameters of some types are given in the J- and N-Series Recommendations.

A stereophonic pair consists normally of two very wideband circuits, which must be carefully matched. Each circuit of a stereophonic pair may also be used separately for monophonic transmissions.

8 Special conditions applicable to leased television circuits

When the vertical blanking interval is used to transmit special signals specified by the CCIR (such as VITS, VIRS, DIS and captions for the deaf) no additional charge shall be levied, provided that only information directly related to the switching, quality control or content of the television signal is transmitted.

Superseded by a more recent version

ITU-T RECOMMENDATIONS SERIES

Series A	Organization of the work of the ITU-T
Series B	Means of expression
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Telephone network and ISDN
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media
Series H	Transmission of non-telephone signals
Series I	Integrated services digital network
Series J	Transmission of sound-programme and television signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	Maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
Series N	Maintenance: international sound-programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality
Series Q	Switching and signalling
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminal equipment and protocols for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
Series X	Data networks and open system communication
Series Z	Programming languages