



INTERNATIONAL TELECOMMUNICATION UNION

CCITT

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

BLUE BOOK

VOLUME II – FASCICLE II.1

GENERAL TARIFF PRINCIPLES CHARGING AND ACCOUNTING IN INTERNATIONAL TELECOMMUNICATIONS SERVICES

SERIES D RECOMMENDATIONS

UNIVERSITÄTSBIBLIOTHEK
HANNOVER
TECHNISCHE
INFORMATIONSBIBLIOTHEK



IXTH PLENARY ASSEMBLY
MELBOURNE, 14-25 NOVEMBER 1988

Geneva 1989

ISBN 92-61-03251-6

UB/TIB Hannover 89
115 565 914



TABLE OF CONTENTS OF FASCICLE II.1 OF THE BLUE BOOK

Part I – Recommendation D.000

Terms and definitions

Recommendations D.1 to D.251

**General tariff principles,
charging and accounting in
international telecommunications services**

Recommendations for general application

Rec. No.		Page
D.000	Terms and definitions for the Series D Recommendations	3
SECTION 1 – <i>Private leased telecommunications facilities</i>		
D.1	General principles for the lease of international (continental and intercontinental) private telecommunication circuits	9
D.2	Special conditions for the lease of continental telecommunication circuits for private service	17
D.3	Special conditions for the lease of intercontinental telecommunication circuits for private service	18
D.4	Special conditions for the lease of international (continental and intercontinental) sound- and television-programme circuits for private service	21
D.5	Costs and value of services rendered as factors in the fixing of rates	25
D.6	General principles for the provision of international telecommunications facilities to organizations formed to meet the specialized international communication needs of their members	26
D.8	Special conditions for the lease of international end-to-end digital circuits for private service	28
D.9	Private leasing of transmitters or receivers	29

Rec. No.		Page
SECTION 2 – <i>Tariff principles applying to data communication services over dedicated public data networks</i>		
D.10	General tariff principles for international public data communication services	31
D.11	Special tariff principles for international packet-switched public data communication services by means of the virtual call facility	33
D.12	Measurement unit for charging by volume in the international packet-switched data communication service	36
D.13	Guiding principles to govern the apportionment of accounting rates in international packet-switched public data communication relations	37
D.15	General charging and accounting principles for non-voice services provided by inter-working between public data networks	38
D.20	Special tariff principles for the international circuit-switched public data communication services	39
D.21	Special tariff principles for short transaction transmissions on the international packet switched public data networks using the fast select facility with restriction	42
D.30	Implementation of reverse charging on international public data communication services	43
D.35	General charging and accounting principles in the international public interpersonal messaging (IPM) service	48
SECTION 3 – <i>Charging and accounting in the international public telegram service</i>		
D.40	General tariff principles applicable to telegrams exchanged in the international public telegram service	49
D.41	Introduction of accounting rates by zones in the international public telegram service	53
D.42	Accounting in the international public telegram service	66
D.43	Partial and total refund of charges in the international telex service	68
SECTION 4 – <i>Charging and accounting in the international teletext service</i>		
D.45	Charging and accounting principles for the international teletext service	73
SECTION 5 – <i>Charging and accounting in the international teletex service</i>		
D.50	Tariff and international accounting principles for the international teletex service	75
VIII	Fascicle II.1 – Table of Contents	

Rec. No.		Page
SECTION 6 – <i>Charging and accounting in the international telex service</i>		
D.60	Guiding principles to govern the apportionment of accounting rates in intercontinental telex relations	79
D.61	Charging and accounting provisions relating to the measurement of the chargeable duration of a telex call	80
D.65	General charging and accounting principles in the international telex service for multi-address messages via store-and-forward units	82
D.67	Charging and accounting in the international telex service	84
 SECTION 7 – <i>Charging and accounting in the international facsimile service</i>		
D.70	General tariff principles for the international public facsimile service between public bureaux (Bureaufax service)	89
D.71	General tariff principles for the public facsimile service between subscriber stations (Telefax service)	92
D.73	General tariff and international accounting principles for interworking between the international Bureaufax and Telefax services	94
 SECTION 8 – <i>Charging and accounting in the international phototelegraph service</i>		
D.80	Accounting and refunds for phototelegrams	97
D.81	Accounting and refunds for private phototelegraph calls	98
D.83	Rates for phototelegrams and private phototelegraph calls	99
D.85	Charging for international phototelegraph calls to multiple destinations	102
 SECTION 9 – <i>Charging and accounting in the mobile services</i>		
D.90	Charging, accounting and refunds in the maritime mobile service	103
D.91	Transmission in encoded form of maritime telecommunications accounting information	122
D.93	Charging and accounting in the international land mobile telephone service (provided via cellular radio systems)	130
 SECTION 10 – <i>Transferred account service</i>		
D.98	Charging and accounting provisions relating to the transferred account telegraph and telematic services	141

Rec. No.		Page
SECTION 11 – <i>Charging and accounting in the international telephone service</i>		
D.100	Charging for international calls in manual or semi-automatic operating	143
D.101	Charging in automatic international telephone service	144
D.103	Charging in automatic service for calls terminating on special services for suspended, cancelled or transferred subscribers	146
D.104	Charging for calls to subscriber's station connected either to the absent subscriber's service or to a device substituting a subscriber in his absence	146
D.105	Charging for calls from or to a public call office	147
D.106	Introduction of reduced rates during periods of light traffic in the international telephone service	147
D.110	Charging and accounting for conference calls	148
D.115	Tariff principles and accounting for the international freephone service (IFS)	149
D.120	Collection charges applied to automated telephone credit cards	151
D.150	New system for accounting in international telephony	152
D.151	Old system for accounting in international telephony	163
D.155	Guiding principles governing the apportionment of accounting rates in intercontinental telephone relations	164
 SECTION 12 – <i>Drawing up and exchange of international telephone and telex accounts</i>		
D.160	Mode of application of the flat-rate price procedure set forth in Recommendation D.67 and Recommendation D.150 for remuneration of facilities made available to the Administrations of other countries	167
D.170	Monthly telephone and telex accounts	171
D.171	Adjustments and refunds in the international telephone service	179
D.172	Accounting for calls circulated over international routes for which accounting rates have not been established	180
D.173	Defaulting subscribers	180
D.174	Conventional transmission of information necessary for billing and accounting regarding collect and credit card calls	181
D.176	Transmission in encoded form of telephone reversed charge billing and accounting information	181
D.177	Adjustment of charges and refunds in the international telex service	186
D.178	Monthly accounts for semi-automatic telephone calls (ordinary and urgent calls, with or without special facilities)	187

Rec. No.		Page
SECTION 13 – <i>International sound- and television-programme transmissions</i>		
D.180	Occasional provision of circuits for international sound- and television-programme transmissions	189
SECTION 14 – <i>Charging and accounting for international satellite services</i>		
D.185	General tariff and accounting principles for international one-way point-to-multipoint satellite services	203
SECTION 15 – <i>Transmission of monthly international accounting information</i>		
D.190	Transmission in encoded form of monthly international accounting information	207
SECTION 16 – <i>Privilege telecommunications</i>		
D.193	Special tariff principles for privilege telecommunications	213
SECTION 17 – <i>Settlement of international telecommunication balances of accounts</i>		
D.195	Settlement of international telecommunication balances of accounts	215
SECTION 18 – <i>Charging and accounting for international telecommunication services provided over the Integrated Services Digital Network (ISDN)</i>		
D.210	General charging and accounting principles for international telecommunication services provided over the Integrated Services Digital Network (ISDN)	217
D.211	International accounting for the use of the Signal Transfer Point (STP) in CCITT Signalling System No. 7	220
D.220	Charging and accounting principles to be applied to international circuit mode demand bearer services provided over the Integrated Services Digital Network (ISDN)	221
D.230	General charging and accounting principles for supplementary services associated with international telecommunication services provided over the Integrated Services Digital network (ISDN)	222
D.231	Charging and accounting principles relating to the User-to-User Information (UUI) supplementary service	223
D.250	General charging and accounting principles for non-voice services provided by interworking between the ISDN and existing public data networks	225
D.251	General charging and accounting principles for the basic telephone service provided over the ISDN or by interconnection between the ISDN and the public switched telephone network	225

Part II – Recommendations D.300 R to D.606 R

Recommendations for regional application

Standard rates applicable in the
international telecommunication services

Rec. No.		Page
SECTION 1 – <i>Recommendations applying in Europe and the Mediterranean Basin</i>		
D.300 R	Determination of accounting rate shares and collection charges in telephone relations between countries in Europe and the Mediterranean Basin	229
D.301 R	Determination of accounting rate shares and collection charges in telex relations between countries in Europe and the Mediterranean Basin	242
D.302 R	Determination of the accounting rate shares and collection charges for the international public telegram service applicable to telegrams exchanged between countries in Europe and the Mediterranean Basin	254
D.303 R	Determination of accounting rate shares and collection charges applicable by countries in Europe and the Mediterranean Basin to the occasional provision of circuits for sound- and television-programme transmissions	257
D.305 R	Remuneration for facilities used for the switched-transit handling of intercontinental telephone traffic in a country in Europe or the Mediterranean Basin	271
D.306 R	Remuneration of public packet-switched data transmission networks between the countries of Europe and the Mediterranean Basin	272
D.307 R	Remuneration of digital systems and channels used in telecommunication relations between the countries of Europe and the Mediterranean Basin	273
D.310 R	Determination of rentals for the lease of international programme (sound- and television-) circuits and associated control circuits for private service in relations between countries in Europe and the Mediterranean Basin	276
D.390 R	Accounting system in the international automatic telephone service	278
SECTION 2 – <i>Recommendations applicable in Latin America</i>		
D.400 R	Accounting rates applicable in telephone relations between countries in Latin America .	281
D.401 R	Accounting rates applicable to telex relations between countries in Latin America . . .	282
SECTION 3 – <i>Recommendations applicable in Asia and Oceania</i>		
D.500 R	Accounting rates applicable to telephone relations between countries in Asia and Oceania	285
D.501 R	Accounting rates applicable to telex relations between countries in Asia and Oceania .	286

Rec. No.		Page
SECTION 4 – Recommendations applicable to the African Region		
D.600 R	Determination of accounting rate shares and collection charges in telephone relations between countries in Africa	287
D.601 R	Determination of accounting rate shares and collection charges in telex relations between countries in Africa	297
D.606 R	Preferential rates in telecommunication relations between countries in Africa	306

Part III – Supplements to Series D Recommendations

Supplement No. 1	Cost and tariff study method	309
Supplement No. 2	Method for carrying out a cost price study by regional tariff groups	327
Supplement No. 3	Handbook on the methodology for determining costs and establishing national tariffs	339