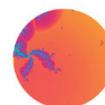




*Catalogue of
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Contents

Dear Customer	i
CONDITIONS OF SALES	
Prices	iv
Methods of payment	iv
Forms of dispatch	iv
Return of publications	iv
Order Form	v-vi and 77-78
LEGEND	vii
1. PUBLICATIONS OF THE ITU GENERAL SECRETARIAT	
1.1 Conference Publications	1
1.2 Regulatory Publications and Policy Forum	4
1.3 Other General Secretariat Publications	7
1.4 ITU TELECOM Publications	9
2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)	
2.1 Publications on World and Regional Telecommunication Development Conferences	11
2.2 ITU-D Publications related to Seminars, Meetings and Colloquia	11
2.3 ITU-D Publications related to Regional Telecommunication Policies	13
2.4 Telecommunication Indicators	20
2.5 Work of the ITU-D Study Groups 1 and 2	23
2.6 Manuals and Handbooks	27
3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)	
3.1 Final Acts	29
3.2 Regulatory Publications (including Service Documents)	30
3.3 ITU-R Recommendations	35
3.4 ITU-R Reports	41
3.5 Resolutions and Opinions	45
3.6 Handbooks	45
3.7 Software Applications	52
4. PUBLICATIONS OF THE ITU-T SECTOR (STANDARDIZATION)	
4.1 Regulations, Resolutions and Conference Publications	53
4.2 Material published in Complement to and in Accordance with ITU-T Recommendations or the Resolutions of the International Telecommunication Regulations (ITR)	54
4.3 ITU-T Recommendations	56
4.4 Handbooks	58
4.5 ITU-T Test Charts	64
4.6 ITU-T Software	65
4.7 Other Products	68
WHAT IS THE INTERNATIONAL TELECOMMUNICATION UNION?	
What is ITU?	69
What does ITU consist of?	69
Radiocommunication	69
Standardization	69
Development	70
General Secretariat	70
WHOM TO CONTACT?	72
INDEX OF TITLES	75
INDEX OF SUBJECTS	83
COSITU	91



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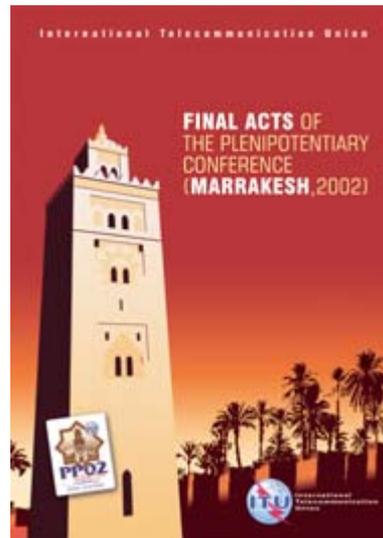
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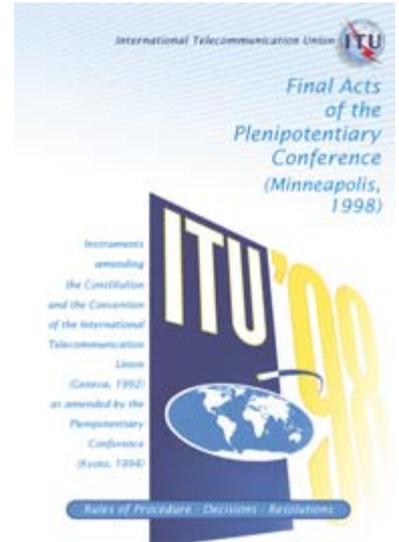
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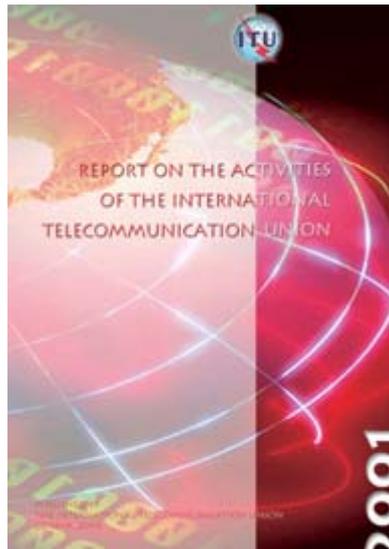
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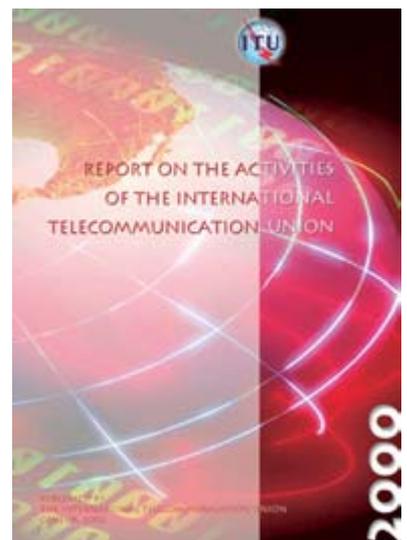
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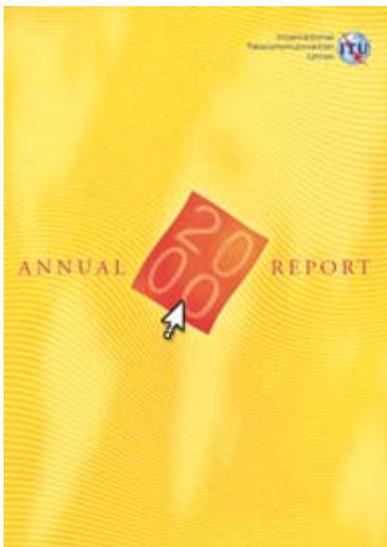
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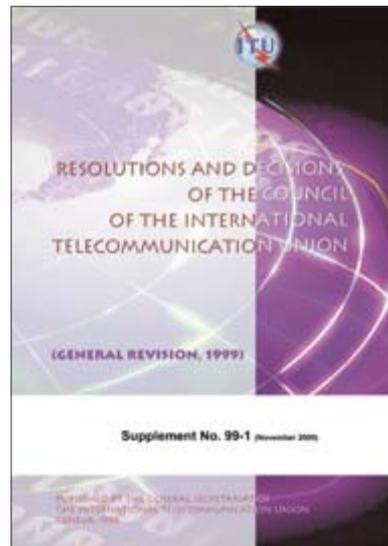
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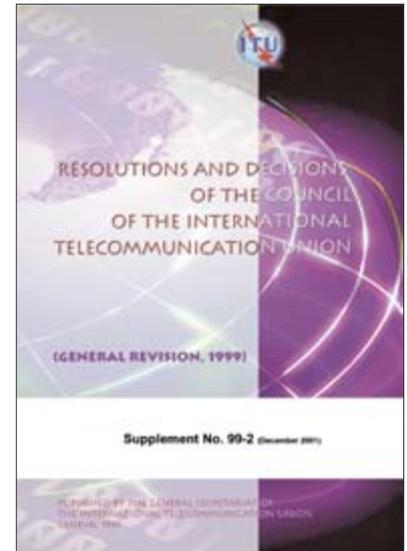
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2001



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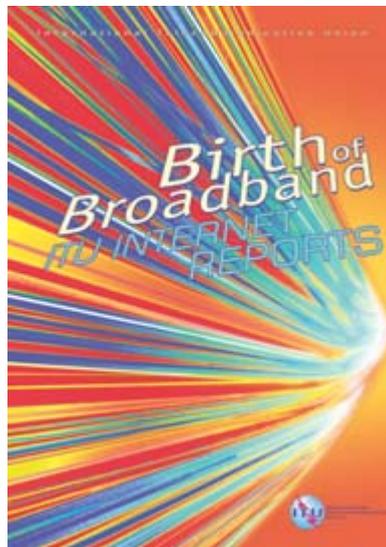
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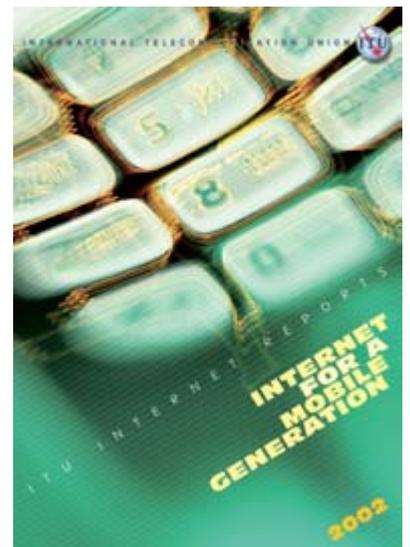
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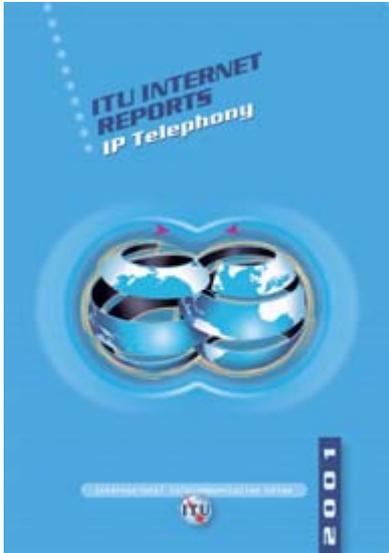
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2001, 3rd edition



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Article: 22529
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The ITU New Initiatives Programme: Promoting Broadband

2003

As local and national governments prepare for the challenges of the information society, there is increasing interest in broadband deployment statistics showing which countries are leading, and which are falling behind. Although most existing users are residential consumers, broadband access is being touted as a way for governments to attract investment, ensure future economic prosperity and provide enhanced social welfare. But among developing countries, there is a fear that the huge investments necessary to establish widescale broadband access will open up a new digital divide. The report contained in this publication – the eleventh in the New Initiatives series – summarizes the main discussion points and conclusions of a workshop on promoting broadband, to be held in April 2003, while the accompanying CD-ROM contains case studies, background materials, useful broadband links, and extensive analyses of different aspects of the topic. The workshop is organized by the ITU Strategy and Policy Unit, and will examine the different strategies that have been followed by different world economies, at local and national levels, for promoting the deployment and use of broadband networks. The key research question will be why some economies have been more successful than others and whether this success can be replicated.

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2002



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Article: E: 22634

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2001

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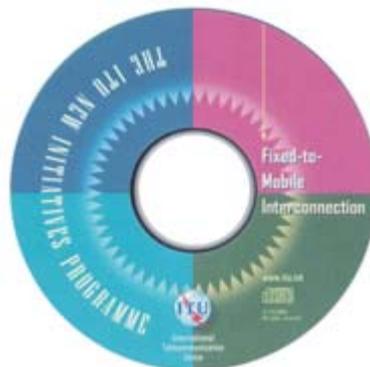
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2001



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This CD-ROM is of particular interest to regulatory experts in the field of intercon-

nection as well as those interested in a deeper understanding of the forces at play in our transition to a mobile information society.

Edition in E

ISBN: E: 92-61-09381-7

Article: E: 19986

CD-ROM

Price: 70 CHF

The ITU New Initiatives Programme: Licensing of Third Generation (3G) Mobile

2001



This report and CD-ROM package are based on the research conducted for the Workshop on the Licensing of 3G Mobile held at ITU in Geneva from 19 to 21 September 2001 as part of the ITU New Initiatives Programme. The report summarizes the issues discussed at the workshop. The CD-ROM contains in-depth background resources and input materials, including the comprehensive background paper; specially commissioned country case studies on China and Hongkong SAR, Chile and Venezuela, Ghana, Japan and Sweden; background resource material and full versions of presentations made by participants. This publication offers a unique in-depth global analysis of the major issues at play in 3G licensing developments and practices and is of considerable interest to regulators, policy-makers and market players alike.

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The ITU New Initiatives Programme: Multilingual Domain Names

2001



This report and CD-ROM package summarizes the major issues concerning Multilingual Domain Names from a global perspective and includes documentation and presentations gathered for the Joint ITU/WIPO Symposium on Multilingual Domain Names held in Geneva on 6 and 7 December 2001. The event, which was organized as part of the ITU New Initiatives Programme, covered issues relating to technology and policy, as well as intellectual property and dispute resolution. This publication provides a unique overview of multilingual domain name history and current developments, enabling the reader to understand the key concepts

and implications of this crucial issue in Internet development.

Edition in E

ISBN: E: 92-61-09821-5

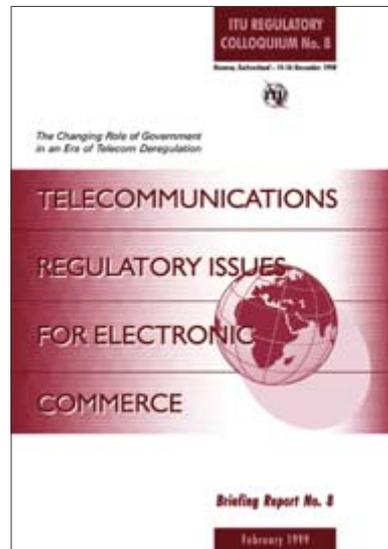
Article: E: 21115

CD-ROM

Price: 70 CHF

Colloquium No. 8 – Telecommunications Regulatory Issues for Electronic Commerce

Geneva, 14-16 December 1998



The Eighth Colloquium examined the role that the telecommunications policy-maker

and regulator could most usefully play in the development of electronic commerce. While there is an already enormous and growing literature on e-commerce, relatively little attention has been paid to the link between e-commerce and telecommunication regulation. In addition, relatively little attention has been paid to providing guidance to telecom officials in developing countries on this link. The analysis in this Briefing Report is intended to help fill this gap.

Separate editions in E, F, S

ISBN: E: 92-61-08051-0

F: 92-61-08052-9

S: 92-61-08053-7

Article: E: 15650

F: 15658

S: 15659

pp.: 60

Price: 50 CHF

Electronic Bookshop

You can order directly by fax:
+41 22 730 5194
or via
e-mail: sales@itu.int

1.3 OTHER GENERAL SECRETARIAT PUBLICATIONS

FORTHCOMING

ITU Global Directory on CD-ROM

18th edition, 2003 – Yearly Subscription Service

This Directory is the official ITU desk reference of government telecommunication Administrations of ITU Member States and private organizations which have joined ITU as Sector Members.

The texts are available in Adobe Acrobat PDF format and are published in March and October of each year. (Two editions)

Multilingual edition in E, F, S

Article: 23056

CD-ROM

Price: 150 CHF

FORTHCOMING

ITU Global Directory on CD-ROM

18th edition, 2003 – Edition 03.2003

The texts are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format.

Multilingual edition in E, F, S

ISBN: 92-61-10337-5

Article: 22245

CD-ROM

Price: 75 CHF

FORTHCOMING

ITU Global Directory on CD-ROM

18th edition, 2003 – Edition 10.2003

The texts are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format.

Multilingual edition in E, F, S

ISBN: 92-61-10347-2

Article: 22246

CD-ROM

Price: 75 CHF



1. PUBLICATIONS OF THE ITU GENERAL SECRETARIAT

FORTHCOMING

ITU Global Directory online

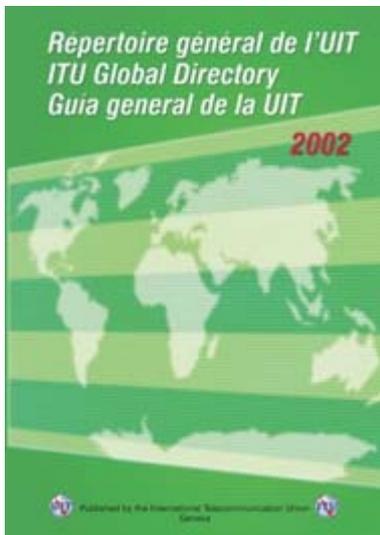
18th edition, 2003 – Yearly Subscription Service

Multilingual edition in E, F, S

Online Price: 200 CHF

ITU Global Directory

17th edition, 2002



This Directory is the official ITU desk reference of government telecommunication Administrations of ITU Member States and private organizations which have joined ITU as Sector Members.

Multilingual edition in E, F, S

ISBN: 92-61-09567-4

Article: 20904

pp.: 578

Price: 45 CHF

Electronic Bookshop

ITU News

ITU News is the official magazine of the International Telecommunication Union published 10 times a year in English, French and Spanish. First published in 1869 as the Journal télégraphique international, ITU News renders a first-hand account of the Union's activities and the global issues of concern to people from all areas of the telecommunications industry. The magazine carries between 32 and

46 pages, and is read in the 189 Member States of the Union.

Separate editions in E, F, S

Paper Online

Price: 100 CHF



ITU: an overview

2002 – Free of charge

What is ITU, what does it do, how does it work?

Separate editions in E, F, S

pp.: 54

Lexicon of Telecommunication Terms

1st edition, Geneva, 1995

This handy volume comprises two sections, Arabic-French-English and English-French-Arabic, and contains over 10,000 telecommunication terms.

Multilingual edition in E, F, A

ISBN: 92-61-05839-6

Article: 6051

pp.: 950

Price: 59 CHF

Telecommunication Terminology Database (TERMITE)

Ongoing

Freely accessible through TIES, TERMITE (approximately 60,000 entries) contains all the terms appearing in formerly published lexicons and is constantly updated. Although essentially devoted to telecommunication terms relating to technical standards, the database also covers other technical fields as well as administrative and financial matters relevant to the structure and functioning of ITU. The entries are mainly in English, French, Spanish and sometimes Russian (transcribed). Very few may also contain Italian, German and Portuguese.

Multilingual edition in E, F, S

Online

Provisional List of Terms Constituting the ITU Terminology Base "TERMITE" – Volumes I and II

Geneva, 1996

TERMITE (TERMinology of TELEcommunications) is a terminology database which has proved to be an essential tool for all technicians, engineers, translators and administrators involved in telecommunications since its creation in 1978. It not only covers technical telecommunication vocabulary but also the administrative and financial terms relating to ITU's structure and operation. Termite is accessible free of charge through ITU's online service. This printed version has recently been released comprising over 59,000 entries in English, French and Spanish.

Multilingual edition in E, F, S

ISBN: 92-61-06197-4

Article: 6665

pp.: 1500

Price: 150 CHF

TERMITE (TERMinologie des Télécommunications) – French and Spanish Indexes

Geneva, 1996

These French and Spanish indexes (each a separate publication) provide the terms of the TERMITE terminology base sorted on the language of the index, and accompanied by the location number of the entry in the main volumes (6665).

Separate editions in F, S

ISBN: F: 92-61-06192-3

S: 92-61-06193-1

Article: F: 6666

S: 6667

Paper

Price: 66 CHF

Telecommunications in Action

1999

The purpose of this Book is to bring home the benefits to be reaped from telecommunications, particularly to those who do not normally receive information on telecommunications and their many applications. Produced by the Regency Corporation Limited in collaboration with



ITU, the views expressed in this Book are those of the authors and not necessarily those of ITU.

Separate editions in E, F, S

ISBN: E: 09-53-29054-9 F: 09-53-29056-5
S: 09-53-29058-1

Article: E: 15939 F: 15940 S: 15941
pp.: 292 Price: 60 CHF

**Great discoveries,
Telecommunications**

1991

Separate editions in E, F, S

Article: E: 1800 F: 1799 S: 1801
Paper Price: 60 CHF

**Come and visit the
ITU stand at
ITU TELECOM WORLD 2003,
Geneva-Palexpo,
Switzerland,
12-18 October 2003**

1.4 ITU TELECOM PUBLICATIONS

**All these publications are multilingual – Papers are presented for publication in their original language.
Individual papers available through the ITU Electronic Bookshop**

TELECOM ASIA: Forum Proceedings and Who's Who

2002



Multilingual edition in E, F, S

CD-ROM

TELECOM AFRICA: Forum Proceedings and Who's Who

2001



Individual presentations

Edition in E

Electronic Bookshop Price: 200 CHF
CD-ROM

TELECOM AMERICAS: Forum Proceedings and Who's Who

2000



Edition in E

CD-ROM Price: 400 CHF

TELECOM ASIA: Forum Proceedings and Who's Who

2002

Individual presentations

Multilingual edition in E, F, S

pp.: 721
Electronic Bookshop

TELECOM ASIA: Forum Proceedings and Who's Who

2000

Individual presentations

Edition in E

Electronic Bookshop Price: 200 CHF
CD-ROM

TELECOM AMERICAS: Forum Proceedings and Who is Who

2000

Individual presentations

Separate editions in E, F, S

pp.: 564
Electronic Bookshop



1. PUBLICATIONS OF THE ITU GENERAL SECRETARIAT

TELECOM Inter@ctive 99: Forum Proceedings and Who is Who on CD-ROM

1999



Edition in E

CD-ROM

Price: 400 CHF

Exhibition Catalogue: TELECOM 99 and Inter@ctive 99

1999

Edition in E

Paper
CD-ROM

Price: 60 CHF

TELECOM Inter@ctive 99: Forum Proceedings and Who is Who

1999

Individual presentations

Edition in E

Electronic Bookshop Price: 20 CHF

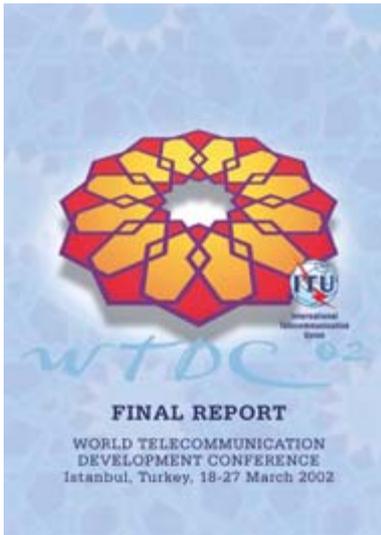
**The International Telecommunication Union
is the leading publisher of international
telecommunication standards, policy analysis
and statistics**

2.1 PUBLICATIONS ON WORLD AND REGIONAL TELECOMMUNICATION DEVELOPMENT CONFERENCES



World Telecommunication Development Conference (WTDC-2002): Final Report

Istanbul, 2002



The third World Telecommunication Development Conference (WTDC-02) took place in Istanbul (Turkey) from 18 to 27 March 2002. The Final Report contains the Istanbul Declaration, the Strategic Plan of the Telecommunications Development Sector, the Istanbul Action Plan (ISAP) focusing on the programmes, activities, special initiatives, resolutions approved and recommendations made by the conference directed towards the purposes and objectives of the ITU Telecommunications Development Sector for

the four-year period 2003-2006, and the detailed programme of the conference as well as miscellaneous appendices containing: the speeches, the abbreviations and acronyms, the list of documents submitted to the conference and the list of participants.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-10091-0 F: 92-61-10092-9
S: 92-61-10093-7 R: 92-61-10094-5
C: 92-61-10095-3 A: 92-61-10096-1

Article: E: 21975 F: 21976 S: 21977
R: 21980 C: 21979 A: 21978

pp.: 206 Price: 50 CHF

Electronic Bookshop



World Telecommunication Development Conference (WTDC-2002): Final Report

Istanbul, 2002



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S, R, C, A

ISBN: 92-61-10127-5

Article: 21981

CD-ROM

Price: 50 CHF

African Regional Telecommunication Development Conference (AF-RTDC-96): Volume I

Abidjan, 1996

Final Report

Separate editions in E, F

Article: E: 7225 F: 7226

pp.: 150

Price: 50 CHF

Regional Telecommunication Development Conference for the Arab States (AR-RTDC-96)

Beirut, 11-15 November 1996

Separate editions in E, F, A

Article: E: 10028 F: 10029 A: 10597

pp.: 96

Price: 28 CHF

2.2 ITU-D PUBLICATIONS RELATED TO SEMINARS, MEETINGS AND COLLOQUIA

Final report of ITU-D Focus Group 7: New Technologies for Rural Applications

2001

More than 2.5 billion people (over 40% of the planet's population) live in rural and remote areas of developing countries. Of the small fraction that has any access to telecommunications, voice telephony has been the main service provided. But today, interactive multimedia services, such as e-mail, tele-education and tele-medicine, are just as important as voice connectivity. This report looks at technological developments that have the poten-

tial to support interactive multimedia services in rural and remote areas.

Separate editions in E, F, S, R

ISBN: E: 92-61-09091-5 F: 92-61-09092-3
S: 92-61-09093-1 R: 92-61-09094-X

Article: E: 18697 F: 18698 S: 18699
R: 21465

pp.: 112 Price: 64 CHF

Electronic Bookshop





2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)

Final report of ITU-D Focus Group 7: New Technologies for Rural Applications

2001



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-09117-2

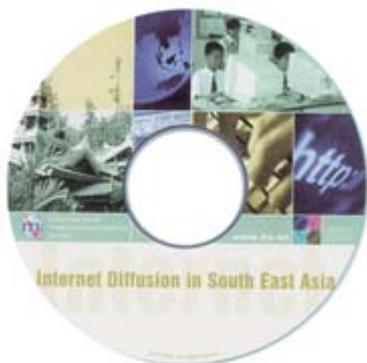
Article: 18726

CD-ROM

Price: 64 CHF

Internet Diffusion in South East Asia

Edition 2002



The CD-ROM contains a series of ITU Internet case studies carried out in South

East Asia in 2001, as well as presentations and documents from the workshop 'The Internet in South East Asia', which was held in Bangkok, Thailand, in November 2001. The CD-ROM comes with a colour brochure that includes a summary of the workshop and a brief overview of the case studies.

Edition in E

ISBN: E: 92-61-09931-9

Article: E: 21394

CD-ROM

Price: 50 CHF

recommendations for the continuation and upgrading of health services, especially in rural and/or marginal areas, using information and telecommunication technologies.

Separate editions in E, F, S

ISBN: E: 92-61-08181-9
S: 92-61-08183-5

F: 92-61-08182-7

Article: E: 16232 F: 16168 S: 16233

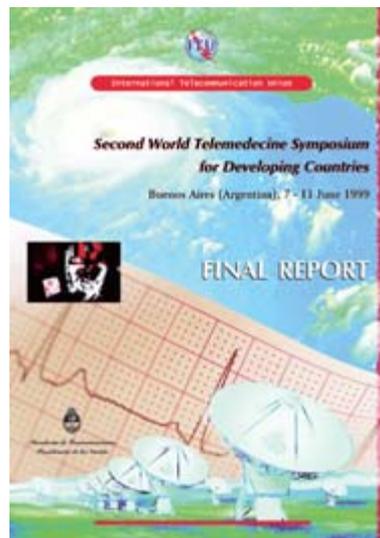
pp.: 340

Price: 80 CHF

Electronic Bookshop

Second World Telemedicine Symposium for Developing Countries

Buenos Aires (Argentina),
7-11 June 1999



Final Report.

The report contains full information on the various telemedicine applications being implemented in the developing countries, as well as participants' conclusions and

ITU on the Web:
[www.itu.int/
publications](http://www.itu.int/publications)

First World Telemedicine Symposium for Developing Countries

Cascais (Portugal),
30.06.97-04.07.97

Final Report

Multilingual edition in E, F

ISBN: 92-61-06697-6

Article: 11625

pp.: 98

Price: 38 CHF

2.3 ITU-D PUBLICATIONS RELATED TO REGIONAL TELECOMMUNICATION POLICIES



OPERITU: Database on Telecommunication Operators and Service Providers in Developing Countries

January 2003

This online database, developed by ITU at the request of ITU-D Sector Members, contains details of telecommunication operators and service providers, both public and private, in developing countries, together with more specific information on various companies. It is an essential tool for operators and service providers wishing to announce their presence, to highlight their development projects, to identify potential partners (financiers, equipment manufacturers, software developers, operators, etc.) and to address market opportunities. In addition, it gives firms wishing to participate in telecommunication development in developing countries the possibility of targeting and profiling operators and service providers more accurately, while at the same time opening up attractive prospects in areas of collaboration.

This system, which is available on the ITU website (<http://www.itu.int/ITU-D/partners/OPERITU.asp>), allows search by region/country or by selecting predefined criteria. It is updated on a regular basis.

Separate editions in E, F, S

Online **Price: 300 CHF**

This Catalogue is published in English, French and Spanish. For the most up-to-date version, please see www.itu.int/publications

Financial Institutions Offering Resources for Telecommunication Projects and Technical Assistance in Developing Countries

Fourth edition, 1999



This publication, divided into three categories (multilateral agencies, bilateral agencies and funds), aims at providing easy reference to institutions which provide resources for telecommunication projects and technical assistance in developing countries. It acts as a guide to the main sources of financing for development for governments, regulators and public telecommunication entities, as well as private institutions and enterprises.

Separate editions in E, F, S

ISBN: E: 92-61-08101-0 F: 92-61-08102-9
S: 92-61-08103-7

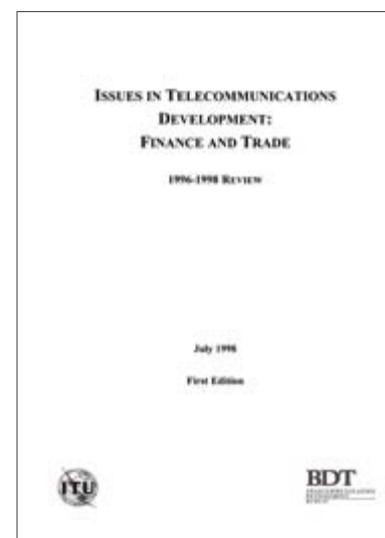
Article: E: 15661 F: 15662 S: 15663

pp.: 100 Price: 35 CHF

Electronic Bookshop

Issues in Telecommunications Development Volume I: Finance and Trade

1st edition, 1998



This publication is intended to provide an annual review of various key issues in international telecommunications as examined by the International Telecommunication Union/Telecommunication Development Bureau – ITU/BDT. This year's authors have focused on trade, partnership and financing within the context of restructuring and globalization.

Separate editions in E, F, S, C, A

ISBN: E: 92-61-07361-1 F: 92-61-07362-X
S: 92-61-07363-8 A: 92-61-07366-2

Article: E: 13128 F: 13194 S: 13195
A: 16746

pp.: 496 Price: 80 CHF

Electronic Bookshop



2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)

Issues in Telecommunications Development Volume II: Reforming the international accounting rate system Part I – Overview Part II – Case Studies

1st edition, May 1999



On behalf of the ITU, the Telecommunication Development Bureau has taken on the responsibility of assisting countries as they restructure their telecommunications sectors to meet the challenges of globalization and liberalization. Reports from Seminars/Workshops at which developing country representatives reviewed the moves towards international accounting rate reform and a number of papers dealing with cost calculation methodologies are in Part 1, and in Part 2 there are 11 Country Case Studies.

Separate editions in E, F, S

ISBN: E: 92-61-07721-8 F: 92-61-07722-6
S: 92-61-07723-4

Article: E: 14362 F: 14363 S: 14364

pp.: 692 Price: 70 CHF

CD-ROM

Electronic Bookshop

Reforming the international accounting rate system – 1999

First edition, 2000



During 1999, ITU's Telecommunication Development Bureau continued to support developing countries' efforts to review telecommunication costs and tariff reform. This addendum to the 1998 Review of "Reforming the international account rate system" contains the reports of the 1999 series of seminars and contributions from developing countries to the work of the Regional Tariff Groups and Study Group 3. These reports are complemented by three additional case studies.

Separate editions in E, F, S

ISBN: E: 92-61-08341-2 F: 92-61-08342-0
S: 92-61-08343-9

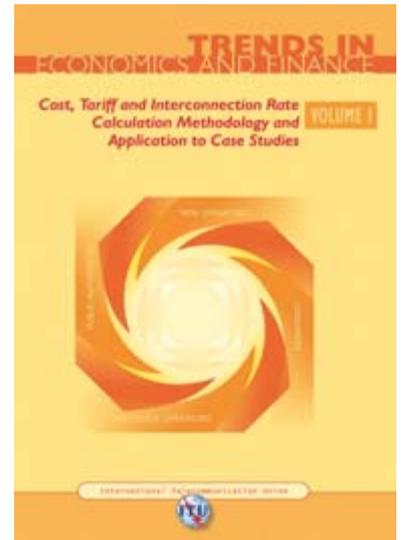
Article: E: 16854 F: 16855 S: 16856

pp.: 224 Price: 60 CHF

Electronic Bookshop

Trends in Economics and Finances Volume I: Cost, Tariff and Interconnection Rate – Calculation Methodology and Application to Case Studies

October 2001



This publication is aimed in particular at network operators and regulatory authorities in developing countries who do not have very detailed data at their disposal on their costs or on the development of prices in their market. The first part describes a model for the calculation of telephone service costs, tariffs and interconnection taxes. The second part shows how the application of this model in different situations (case studies) allows for the identification of national political demands concerning universal service obligations.

Separate editions in E, F, S, R

ISBN: E: 92-61-07361-1 F: 92-61-07362-X
S: 92-61-09503-8 R: 92-61-07364-6

Article: E: 20539 F: 20540 S: 20541
R: 22046

pp.: 116 Price: 50 CHF

Electronic Bookshop



Software for the Calculation of Costs, Tariffs and Rates for Telephone Services – COSITU Version 1.0

June 2002



Cost-based pricing, in particular calculation of interconnection rates, has been one of the most high-profile challenges facing both operators and regulators. Negotiating tariffs or rates is a delicate matter, whether it is for a new operator entering a liberalized market or a regulator wishing to set affordable tariffs for national calls without compromising competitiveness among operators. Now, ITU's Financing Strategies Unit has released COSITU, a practical tool which automates the calculation of costs, taxes, tariffs and rates. This new and powerful tool will permit network operators, service providers, regulators and policy-makers in developing countries to efficiently calculate costs, taxes related to trade in international traffic (accounting, settlement and termination rates), interconnection rates between local operators and tariffs for national and international telephone services, both fixed and mobile.

COSITU is a bilingual software package (software on CD-ROM + user manual: English/French). English/Spanish version available soon.

Multilingual edition in E, F, S

ISBN: E/F: 92-61-10087-2 E/S: 92-61-10137-2

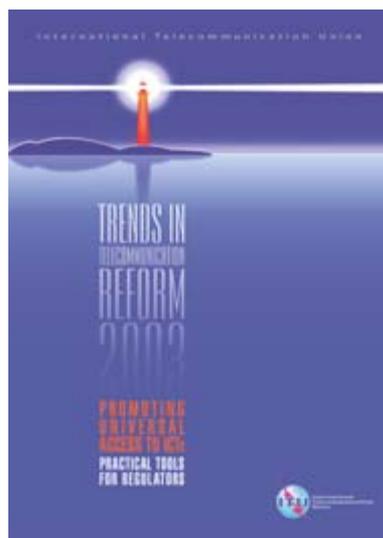
Article: E/F: 21799 E/S: 21961

CD-ROM Price: 400 CHF

FORTHCOMING

Trends in Telecommunication Reform 2003: Promoting Universal Access to ICTs – Practical tools for regulators

5th edition, 2003



The fifth edition of Trends in Telecommunication Reform explores the tools regulators can use to promote universal service/access.

Globalization and rapid technological change have made information and knowledge critical determinants of competitiveness in the new world economy. To compete successfully, a country must have connectivity. In addition to economic development, connectivity fosters social development, including education, health and increased citizen participation in civil society. Universal service/access policies, regulations and procedures are central to countries' efforts to bridge the digital divide. The report provides an overview of universal access/service, the role of sector reform, creation and operation of a universal service fund, the role of minimum subsidy auction, how consumer tariffs and interconnection rates affect the viability of rural universal service/access projects, public access strategies including telecentres, how regulators can foster entrepreneurial solutions to rural access and user rights. The report is structured into ten chapters.

Separate editions in E, F, S

ISBN: E: 92-61-10381-2 F: 92-61-10382-0 S: 92-61-10383-9

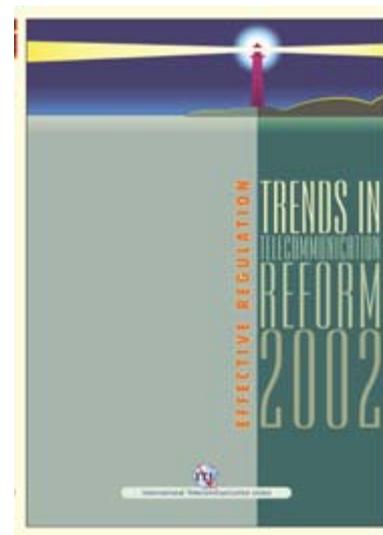
Article: E: 23365 F: 23366 S: 23367

Paper Price: 90 CHF

Electronic Bookshop

Trends in Telecommunication Reform 2002: Effective Regulation

4th edition, 2002



The fourth edition of Trends in Telecommunication Reform is dedicated to the theme of effective and independent regulation.

Since the beginning of the 1990s, the number of regulatory institutions has increased from 13 to more than 110, with many of them having been created in the past five years. But merely creating a regulatory body without empowering it to be effective is not enough. The report looks at the need for regulators; the process of creating a regulator; definitions of independence; why effectiveness may be more important than independence; powers and functions of the regulator; transparency in the decision-making process; organizational structure and finance issues. It is structured into nine chapters.

Separate editions in E, F, S, R

ISBN: E: 92-61-09641-7 F: 92-61-09642-5 S: 92-61-09643-3 R: 92-61-09644-1

Article: E: 21116 F: 21117 S: 21118 R: 22443

pp.: 296 Price: 90 CHF

Electronic Bookshop



2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)

Trends in Telecommunication Reform 2000-2001: Interconnection Regulation

3rd edition, 2001



The third edition of Trends in Telecommunication Reform includes one chapter reviewing global trends in market reform, and seven chapters exploring the key regulatory issue of interconnection. The seven interconnection chapters cover the importance of interconnection, regulatory and technical issues, economic issues in interconnection, network unbundling, interconnection with mobile networks, Internet interconnection and international interconnection.

Separate editions in E, F, S, R

ISBN: E: 92-61-08651-9 F: 92-61-08652-7
S: 92-61-08653-5 R: 92-61-08654-3

Article: E: 18313 F: 18314 S: 18315
R: 22812

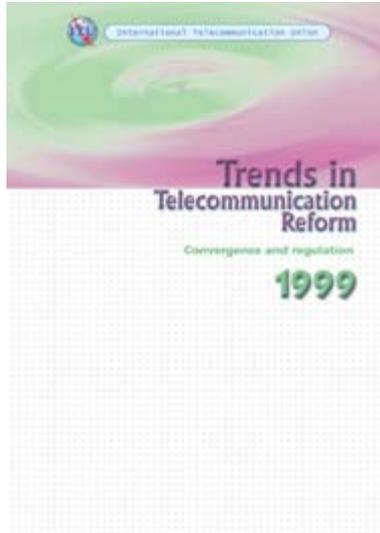
pp.: 256 Price: 90 CHF

Electronic Bookshop

Come and visit the ITU stand at ITU TELECOM WORLD 2003, Geneva-Palexpo, Switzerland, 12-18 October 2003

Trends in Telecommunication Reform "Convergence and Regulation"

2nd edition, 1999



The second edition of Trends in Telecommunication Reform will focus on the regulation of multimedia services. The report will examine eight themes: Institutional Framework, Ownership, Liberalization, Licensing, Universal Access, Interconnection, Price Regulation and Numbering. Each chapter will address overall reforms on that subject and will look, in particular, at Internet and other convergence related issues.

English: Out of print

Separate editions in E, F, S

ISBN: E: 92-61-08141-X F: 92-61-08142-8
S: 92-61-08143-6

Article: E: 15867 F: 15868 S: 15869
pp.: 180 Price: 75 CHF

Electronic Bookshop

Trends in Telecommunication Reform: Country Profiles

2000



This CD-Rom will provide key regulatory information for each ITU Member State

(up to 2000). The information will be accessible by country and by region. This interactive tool will contain information on the institutional framework, regulatory and policy-making bodies and regulatory issues such as ownership, liberalization, licensing, universal service, and interconnection.

Multilingual edition in E, F, S

ISBN: 92-61-08147-9

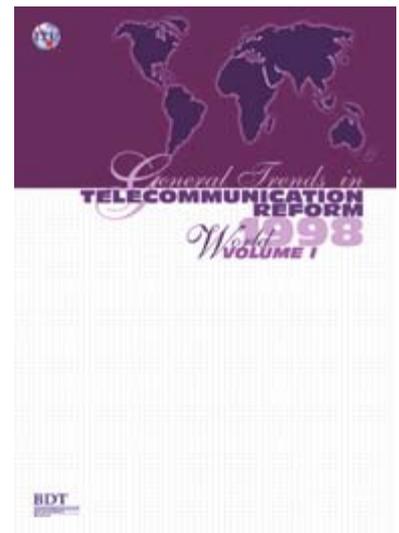
Article: 16200

CD-ROM

Price: 225 CHF

General Trends in Telecommunication Reform "World": Volume I

1st edition, 1998



The report provides an overview of the telecommunication regulatory reforms and trends worldwide. Specific regulatory issues are analyzed and compared by region. This report comprises six chapters. The first chapter is dedicated to a general worldwide overview of regulatory trends. Chapters 2-6 address each region (Africa, Americas, Arab States, Asia-Pacific and Europe). All six chapters are focused on new legislation, the rise of regulatory agencies, ownership reforms, competition trends, regulatory matters and regional and international cooperation.

Separate editions in E, F, S, C

ISBN: E: 91-61-06781-6 F: 92-61-06782-4
S: 92-61-06783-2 C: 92-61-06785-9

Article: E: 13046 F: 13047 S: 13048
C: 17625

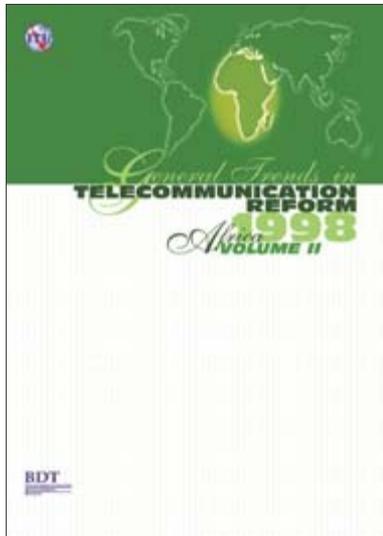
pp.: 138

Price: 75 CHF

Electronic Bookshop

General Trends in Telecommunication Reform “Africa”: Volume II

1st edition, 1998



The report provides a regulatory snapshot by country of the 42 Member States of the African region. The information is structured as follows: contact information for regulatory and policy making bodies, legal instruments, institutional profile, regulatory issues, ownership, market status and future regulatory plans.

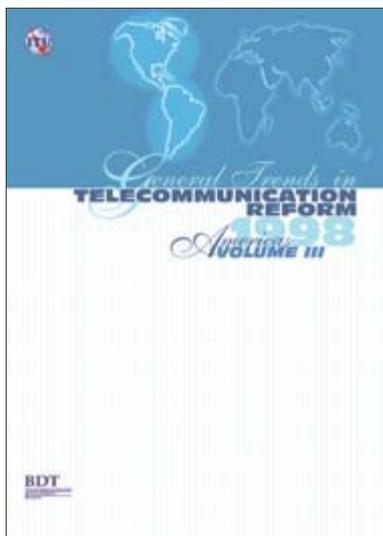
Separate editions in E, F, S

ISBN: E: 92-61-06791-3 F: 92-61-06792-1
S: 92-61-06793-X

Article: E: 13049 F: 13050 S: 13051
pp.: 172 Price: 65 CHF
Electronic Bookshop

General Trends in Telecommunication Reform “Americas”: Volume III

1st edition, 1998



The report provides a regulatory snapshot by country of the 34 Member States of the Americas region. The information is structured as follows: contact information for regulatory and policy making bodies, legal instruments, institutional profile, regulatory issues, ownership, market status and future regulatory plans.

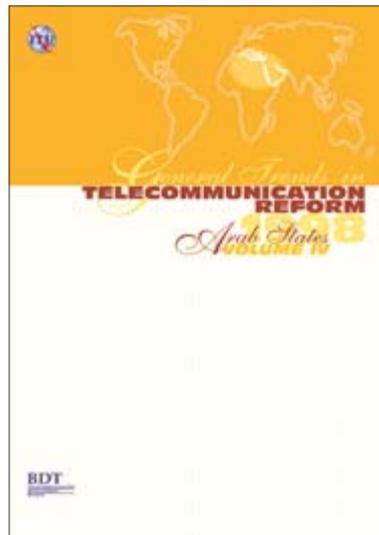
Separate editions in E, F, S, C

ISBN: E: 92-61-06801-4 F: 92-61-06802-2
S: 92-61-06803-0

Article: E: 13052 F: 13053 S: 13054
pp.: 146 Price: 55 CHF
Electronic Bookshop

General Trends in Telecommunication Reform “Arab States”: Volume IV

1st edition, 1998



The report provides a regulatory snapshot by country of the 21 Member States of the Arab region. The information is structured as follows: contact information for regulatory and policy making bodies, legal instruments, institutional profile, regulatory issues, ownership, market status and future regulatory plans.

English: Out of print

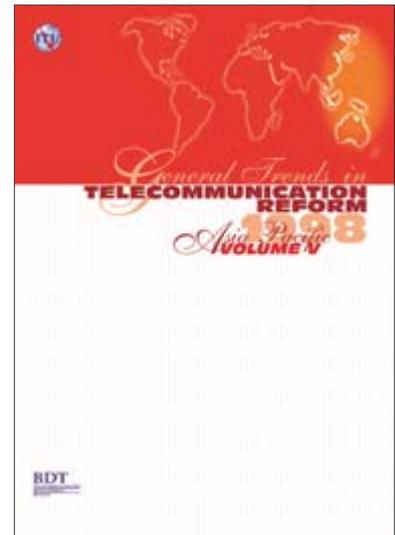
Separate editions in E, F, S

ISBN: E: 92-61-06811-1 F: 92-61-96812-X
S: 92-61-06813-8

Article: E: 13055 F: 13056 S: 13057
pp.: 94 Price: 45 CHF
Electronic Bookshop

General Trends in Telecommunication Reform “Asia Pacific”: Volume V

1st edition, 1998



The report provides a regulatory snapshot by country of the 38 Member States of the Asia Pacific region. The information is structured as follows: contact information for regulatory and policy making bodies, legal instruments, institutional profile, regulatory issues, ownership, market status and future regulatory plans.

Separate editions in E, F, S, C

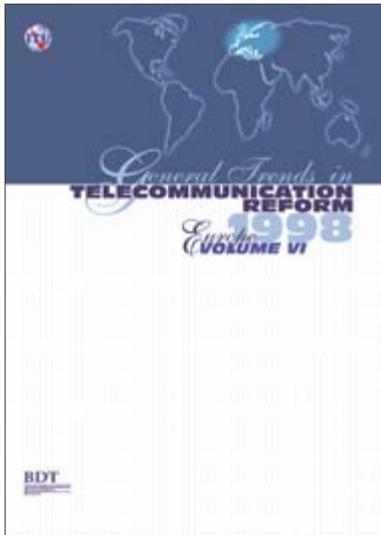
ISBN: E: 92-61-06821-9 F: 92-61-06822-7
S: 92-61-06823-5

Article: E: 13058 F: 13059 S: 13060
pp.: 158 Price: 60 CHF
Electronic Bookshop

ITU Publications are available in English, French and Spanish, many of which exist in Arabic, Chinese, and Russian, as well

General Trends in Telecommunication Reform "Europe": Volume VI

1st edition, 1998



The report provides a regulatory snapshot by country of the 53 Member States of the European region. The information is structured as follows: contact information for regulatory and policy making bodies, legal instruments, institutional profile, regulatory issues, ownership, market status and future regulatory plans.

Separate editions in E, F, S, C

ISBN: E: 92-61-06831-6 F: 92-61-06832-4
S: 92-61-06833-2

Article: E: 13061 F: 13062 S: 13063
pp.: 216 Price: 72 CHF
Electronic Bookshop

Collection of General Trends in Telecommunication Reform

1st edition, 1998

These volumes, which are published separately, are organized by region and contain key regulatory information for each ITU Member State in Africa (Vol. II), the Americas (Vol. III), the Arab States (Vol. IV), Asia-Pacific (Vol. V), and Europe (Vol. VI). The information is structured as follows: contact information for regulatory and policy making bodies, legal instruments, regulatory issues, ownership of the incumbent operator, the degree of liberalization in various market segments, and future regulatory plans.

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Price: 372 CHF

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Vol. II-VI

Price: 297 CHF

Separate editions in E, F, S

Paper

Electronic Bookshop

Telecommunication Policies on CD-ROM

1999

This CD is based on the report of Study Group 1 Question 2/1 – "Telecommunication policies and their repercussions at the level of institutional, regulatory options; structural options for the telecommunication service provider; liberalization of services". The CD explores policy and regulatory options; structural options for the telecommunication service provider; liberalization of services; essential components of the reform process, including universal service provision; implementation of reforms; and options for a regulatory body.

Edition in E

ISBN: E: 92-61-07911-3

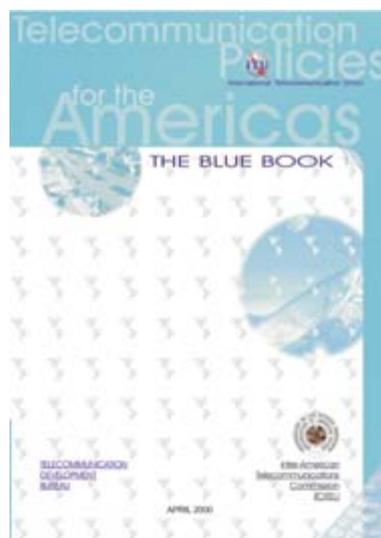
Article: E: 14623

CD-ROM

Price: 100 CHF

Telecommunication Policies for the Americas (The Blue Book)

2nd Edition, 2000



This second edition of the Blue Book is the result of continued coordination and collaboration between the ITU-D and CITEC (Inter-American Telecommunications Commission). The Blue Book has been updated to take into account the rapidly changing telecommunication environment. New aspects addressed in this edition include the Internet and WTO. The Blue Book is intended to provide countries of the region with appropriate guidance on telecommunication reforms and restructuring.

Separate editions in E, S, R

ISBN: E: 92-61-08381-1 S: 92-61-08383-8
R: 92-61-08384-6

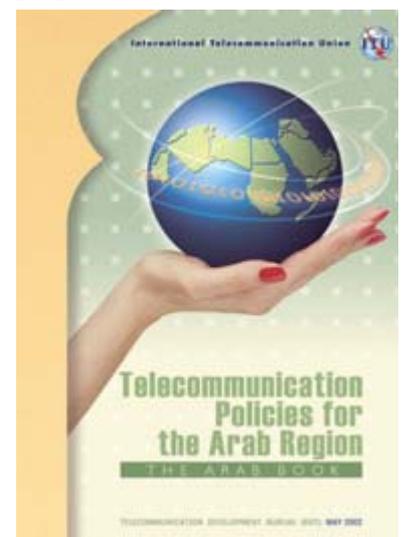
Article: E: 17134 S: 17135 R: 20748
pp.: 172 Price: 50 CHF

Electronic Bookshop



Telecommunication Policies for the Arab Region (The Arab Book)

2002



The Arab Book contains guidelines and recommendations for governments of the Arab region embarking on reform of their telecommunication sector. It was elaborated with the active participation of experts from the region's administrations. This second edition acknowledges the important changes that have affected the sector since 1996, year of the publication of the first edition. Since that date, following Jordan's example, eight other coun-

tries in the region have established a regulatory authority independent from the incumbent operator. Five of these countries have, in addition, introduced competition in an important segment of their telecommunication market.

In addition to the themes presented in the previous edition, the reader will find a summary of the experience of Egypt, Jordan, Mauritania, Morocco and Sudan in the area of sector reform, and a new chapter devoted to recent development of the Internet.

Separate editions in E, F, A

ISBN: E: 92-61-10001-5 F: 92-61-10002-3
A: 92-61-10006-6

Article: E: 21595 F: 21596 A: 21597
pp.: 148 Price: 50 CHF

Electronic Bookshop

The African Green Paper: Telecommunication Policies for Africa

1996

This publication is the result of collaboration among African experts since the first ITU African Regional Telecommunication Development Conference (1990). The African Green Paper explores specific themes related to the overall restructuring of the telecommunications sector. It comprises eight chapters and is intended to serve as a reference document for decision makers who are contemplating reform of the sector. It was formally

approved at the second African Regional Telecommunication Development Conference (Abidjan, 1996).

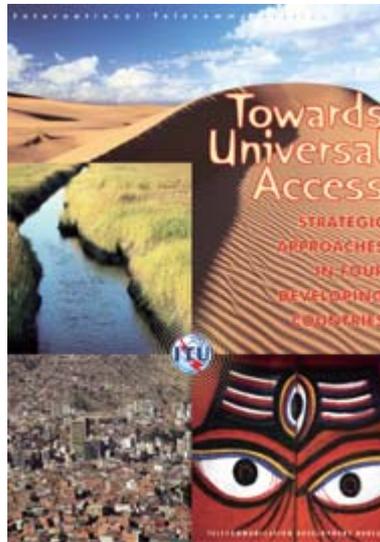
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Article: E: 7215 F: 7216
pp.: 160 Price: 60 CHF

Towards Universal Access: Strategic Approaches in Four Developing Countries

2002



This publication reports the results of the project "Advancement of National Policies for Universal Access". This project was

undertaken in the framework of the MoU between CIDA and ITU. Bolivia, Burkina Faso, Malawi and Nepal participated in the project.

Separate editions in E, F, S

ISBN: E: 92-61-09891-6 F: 92-61-09892-4
S: 92-61-09893-2

Article: E: 21327 F: 21328 S: 21329

pp.: 44 Price: 28 CHF

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2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)

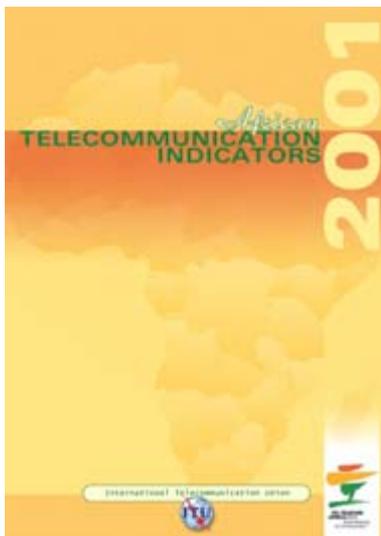
2.4 TELECOMMUNICATION INDICATORS

Since 1992, ITU has published a number of analytical reports examining the current status of development of the telecommunication sector in different parts of the world. The aims of this series are threefold:

- to provide regular updates for the latest available telecommunication indicators, by country and by operators, on an internationally comparable basis;
- to analyse recent trends and developments especially in the relationship between telecommunications and economic, social and cultural development;
- to describe and interpret the challenges facing telecommunication policy-makers and regulators in adapting to technological change, market liberalization, privatization of operators and the changing telecommunication environment.

African Telecommunication Indicators

5th edition, 2001



Prepared for ITU TELECOM AFRICA 2001, this report is an indispensable reference book of telecommunication facts and figures for the region. The publication provides a brief overview of market trends. The report includes some 20 regional tables covering key telecommunication indicators, 55 individual country pages with a five-year profile from 1996-2000, and a directory with names of telecommunication ministries, regulators and operators in the region.

Separate editions in E, F, R

ISBN: E: 92-61-09461-9 F: 92-61-09462-7
R: 92-61-09464-3

Article: E: 20500 F: 20501 R: 22045

pp.: 114 Price: 38 CHF

Electronic Bookshop

Americas Telecommunication indicators

April 2000



The report is published to coincide with ITU TELECOM AMERICAS 2000. The report reviews developments in developing countries of the Western Hemisphere (primarily Latin America but also the Caribbean) telecommunication sector. The report includes 60 pages of analysis of trends including privatization, mobile, the Internet, and regulatory and policy issues. Three annexes provide information on privatization, WTO commitments and Universal service policies. Five regional tables covering key telecommunication indicators for the years 1998 or 1999 are included as well as four tables showing the top ten telecommunication operators in Latin America by revenue, main lines, mobile subscribers and international traffic. A directory with names and websites of telecommunication ministries, regulators and operators in the region is also included.

Separate editions in E, S

ISBN: E: 92-61-08331-5 S: 92-61-08333-1

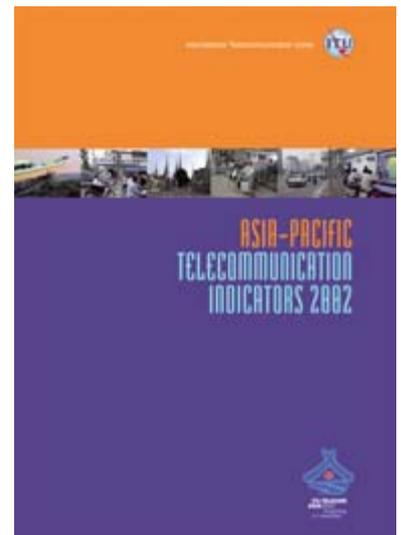
Article: E: 16842 S: 16843
pp.: 126 Price: 44 CHF

Electronic Bookshop



Asia-Pacific Telecommunication Indicators

5th edition, 2002



The fifth edition of ITU's Asia-Pacific Telecommunication Indicators has been prepared especially for ITU ASIA TELECOM 2002 (Hong Kong, China, 2-7 December 2002). The publication consists of three parts: an analytical overview, regional statistics and a directory of telecommunication organizations.

Edition in E

ISBN: E: 92-61-10171-2

Article: E: 22530

pp.: 118 Price: 60 CHF

Electronic Bookshop

Arab States Telecommunication Indicators

3rd edition, 1996

Prepared for the Arab States Regional Telecommunication Development Conference, the report is the ITU's most detailed yet on telecommunications in the Arab-speaking World. Contains an overview of telecommunication development since 1990, individual country pages showing main telecommunication indicators and a list of telecommunication organizations and addresses in the region.

Multilingual edition in E, F

ISBN: E: 92-61-06387-X

Article: 7229

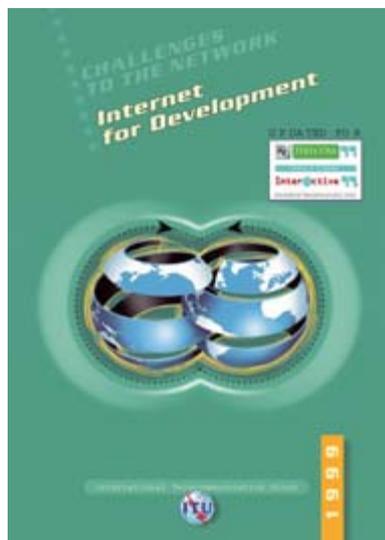
pp.: 80

Price: 80 CHF

Electronic Bookshop

Challenges to the Network: Internet for Development

2nd edition, 1999



This report, prepared by ITU, is the second in the Challenges to the Network series. The report looks at the role of the Internet in economic development. The study pays special attention to the impact that the Internet is having and will have in the economies of developing nations and the role of the Internet in promoting economic and social development. The present version has been prepared and updated specially for the TELECOM 99 event, held in Geneva during October 1999.

Separate editions in E, R, A

ISBN: E: 92-61-08221-1 A: 92-61-08226-2

Article: E: 16212 R: 17774 A: 17482

pp.: 184

Price: 100 CHF

Electronic Bookshop

Challenges to the Network: Telecommunications and the Internet

1st edition, 1997

This report, prepared by ITU, was released to coincide with the Telecom Interactive 97 Exhibition and Forum, held in Geneva, 8-14 September 1997. The report looks at the relationship between the Internet and the public telecommunications sector.

Separate editions in E, C

ISBN: E: 92-61-06591-0

Article: E: 11024

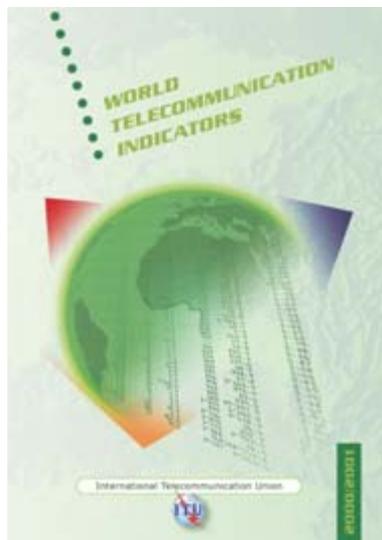
pp.: 116

Price: 100 CHF

Electronic Bookshop

World Telecommunication Indicators 2000/2001

March 2001



This publication contains ITU's authoritative World Telecommunication Indicators for year-end 1999. These statistics monitor the main indicators of telephone network growth, mobile communications, pricing, revenues and investment for 200 plus economies worldwide.

Out of print

Edition in E

ISBN: E: 92-61-09191-1

Article: E: 19091

pp.: 94

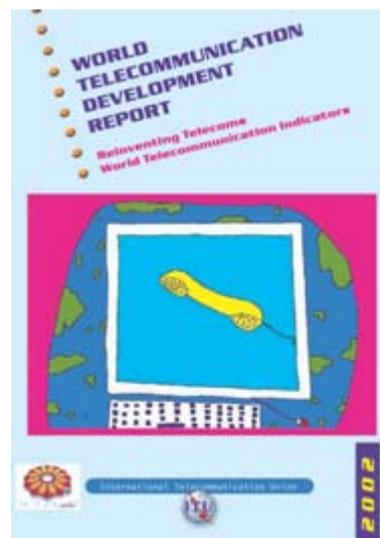
Price: 50 CHF

Electronic Bookshop



World Telecommunication Development Report: Reinventing Telecoms World Telecommunication Indicators

6th edition, 2002



This is the sixth edition of ITU's report on telecommunication trends. This edition has as its theme "Reinventing telecoms", in line with changes in the market environment. The report has been specially prepared for the World Telecommunication Development Conference (WTDC-02). In addition to analysis, the latest telecommunication indicators for some 200 economies worldwide are provided.

Separate editions in E, F, S

ISBN: E: 92-61-09831-2 F: 92-61-09832-0
S: 92-61-09833-9

Article: E: 21002 F: 21003 S: 21004

pp.: 186

Price: 100 CHF

Electronic Bookshop

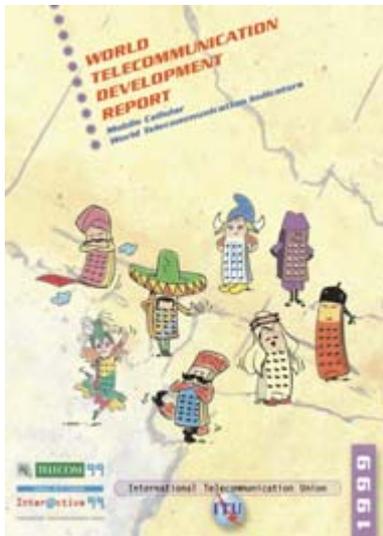
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World Telecommunication Development Report: Mobile Cellular

5th edition, 1999



The fifth edition of the ITU's annual report on telecommunication trends. This edition has as its theme «Mobile Cellular» communications. The report has been specially prepared for World TELECOM 99 in October 1999. The «World Telecommunication Indicators» are also included.

Separate editions in E, F, S, C

ISBN: E: 92-61-08161-4 F: 92-61-08162-2
S: 92-61-08163-0 C: 92-61-08165-7

Article: E: 16125 F: 16126 S: 16127
C: 17626

pp.: 208 Price: 100 CHF

Electronic Bookshop

World Telecommunication Development Report: Universal Access

4th edition, 1998

This new report has been specially prepared to coincide with the World Telecommunication Development Conference in Malta in March 1998 and examines progress towards universal access to communications, reasons for disparities, and policies and technological solutions designed to improve the situation. The report also presents the ITU's authorita-

tive World Telecommunication Indicators for year end 1996. These statistics monitor the main indicators of network growth, mobile communications, pricing, revenues and investment for 200 plus economies worldwide.

Separate editions in E, F, S, C, A

ISBN: E: 92-61-07111-2 F: 92-61-07112-0
S: 92-61-07113-9 A: 92-61-07116-3

Article: E: 12413 F: 12414 S: 12415
C: 15908 A: 17483

pp.: 200 Price: 100 CHF

Electronic Bookshop

World Telecommunication Development Report: Trade in Telecommunications

3rd edition, 1996/97

The 3rd edition explores the theme of telecommunications trade, covering both trade in equipment and trade in services. As well as providing up-to-date information on the outcome of the trade negotiations and analysis of new developments in electronic commerce, the report also presents the ITU's authoritative World Telecommunication Indicators for year end 1995. These statistics monitor the main indicators of network growth, mobile communications, pricing, revenues and investment for 200 plus economies worldwide. The online version is available in PDF format (with free viewer to download).

Separate editions in E, F, S, C

ISBN: E: 92-61-06391-8 F: 92-61-06392-6
S: 92-61-06393-4

Article: E: 9692 F: 9731 S: 9732

pp.: 200 Price: 120 CHF

Electronic Bookshop



World Telecommunication Indicators Database

7th edition, 2003



The World Telecommunication Indicators Database contains time series data for the years 1960, 1965, 1970 and annually from 1975 to 2002, for around 80 communications statistics covering telephone network size and dimension, other services, quality of service, traffic, staff, tariffs, revenue and investment. Selected demographic, macro-economic and broadcasting statistics are also included. Data for over 200 economies are available.

Yearly subscription via Internet:

Price: 750 CHF.

Edition in E

ISBN: E: 92-61-10371-5

Article: E: 23269

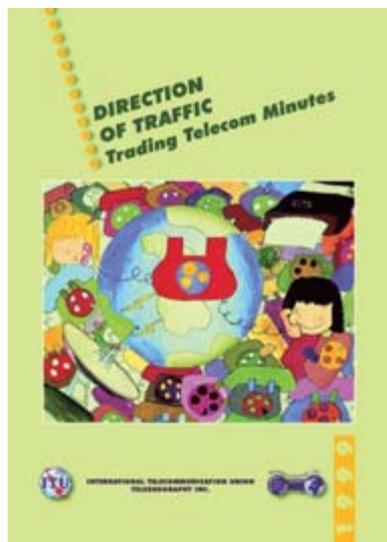
Online Price: 200 CHF

CD-ROM

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on the Web at:
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publications](http://www.itu.int/publications)

Direction of Traffic: Trading Telecom Minutes – Report

3rd edition, 1999



The 3rd edition of the authoritative ITU/TeleGeography Inc. "Direction of Traffic" publication focuses on the transition in international telecommunications traffic away from the bilateral regime, based on accounting rates, to a new, multilateral, trade-based regime. Specifically, the report looks at the impact that the changing telecommunications environment will have on developing countries.

Edition in E

ISBN: E: 92-61-08041-3

Article: E: 15630

pp.: 330

Price: 300 CHF

Electronic Bookshop

Direction of Traffic: Trading Telecom Minutes

3rd edition, 1999



The CD-ROM contains the Report and Database. For reference, the CD-ROM also contains the previous edition of the report, published in November 1996, on the theme "Trends in international telecom prices" (Edition in E).

Edition in E

ISBN: E: 92-61-08171-1

Article: E: 15631

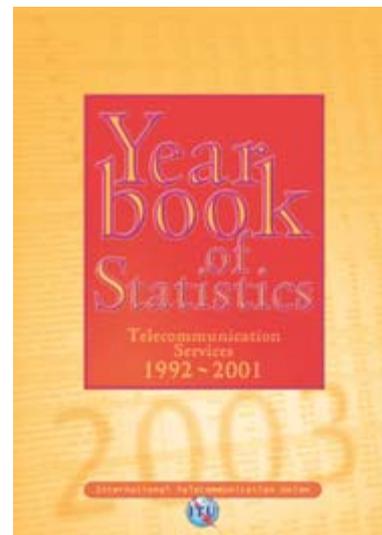
CD-ROM

Price: 500 CHF



ITU Yearbook of Statistics – Telecommunication Services 1992-2001

29th edition, 2003



The publication of statistical indicators relating to the development of telecommunications worldwide is one of the primary functions of ITU. The 1992-2001 edition of the ITU Yearbook of Statistics (previously referred to as the "Yearbook of Public Telecommunication Statistics" or the "ITU Statistical Yearbook") will be the 29th edition.

Edition in E

ISBN: E: 92-61-10191-7

Article: E: 22864

pp.: 196

Price: 65 CHF

Electronic Bookshop

2.5 WORK OF THE ITU-D STUDY GROUPS 1 AND 2

ITU-D Reports on Questions and Recommendations – Study Groups 1 and 2

2002 – (SG1 / SG2)

The ITU-D Study Groups were set up in accordance with Resolution 2 of WTDC-94 (Buenos Aires, March 1994). For the period 1994-1998 Study Group 1 was entrusted with the study of five Questions in the field of telecommunication development strategies and policies, and Study Group 2 was entrusted with the study of eight Questions on more technical matters. The actual work began in 1995 and resulted in a series of twelve Recommendations, which were approved at WTDC-98 (Valletta, March 1998).

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ITU-D Questions – Recommendations

1998 – (SG1 / SG2)

The Recommendations are also available individually through the ITU Electronic Bookshop.

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S: 92-61-07353-0

Article: E: 13155 F: 13169 S: 13186

pp.: 45 Price: 29 CHF

Online

Electronic Bookshop

ITU-D Questions – Recommendation

2002 – (SG1 / SG2)

The Recommendation 13 is also available individually through the ITU Electronic Bookshop (<http://www.itu.int/publications/bookshop/index.html>).

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Paper

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1998 – (SG1) Final Report

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ISBN: E: 92-61-07221-6 F: 92-61-07212-7
S: 92-61-07213-5 A: 92-61-07216-X

Article: E: 13137 F: 13138 S: 13170
A: 19204

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ITU-D Question 1/2 – Special Concerns of Developing Countries in Relation to the Work of the Radiocommunication and Telecommunication Standardization Sectors

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S: 92-61-07343-3 A: 92-61-07346-8

Article: E: 13146 F: 13160 S: 13175
A: 16051

pp.: 96 Price: 46 CHF

Online

Electronic Bookshop

ITU-D Question 2/1 – Telecommunication Policies and their Repercussions at the Level of Institutional, Regulatory and Operational Aspects of Services

1998 – (SG1) Final Report

Separate editions in E, F, S, A

ISBN: E: 92-61-07221-6 F: 92-61-07222-4
S: 92-61-07223-2

Article: E: 13142 F: 13156 S: 13171
A: 16319

pp.: 67 Price: 42 CHF

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ITU-D Question 2/2 – New developments in rural telecommunications (Preparation of handbooks for developing countries)

1998 – (SG2) Final Report (Document 1)

The ITU-D Study Groups were set up in accordance with Resolution 2 of WTDC-94 (Buenos Aires, March 1994). For the period 1994-1998 Study Group 1 was entrusted with the study of five Questions in the field of telecommunication development strategies and policies, and Study Group 2 was entrusted with the study of eight Questions on more technical matters. The actual work began in 1995 and resulted in a series of twelve Recommendations, which were approved at WTDC-98 (Valletta, March 1998).



Separate editions in E, F, S

ISBN: E: 92-61-07261-5 F: 92-61-07262-3
S: 92-61-07263-1

Article: E: 13147 F: 13161 S: 13176
pp.: 84 Price: 38 CHF

Online

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ITU-D Question 2/2 – Economic, organizational and regulatory aspects of national spectrum management (Preparation of handbooks for developing countries)

1998 – (SG2) Final Report (Document 3)

The ITU-D Study Groups were set up in accordance with Resolution 2 of WTDC-94 (Buenos Aires, March 1994). For the period 1994-1998 Study Group 1 was entrusted with the study of five Questions in the field of telecommunication development strategies and policies, and Study Group 2 was entrusted with the study of eight Questions on more technical matters. The actual work began in 1995 and resulted in a series of twelve Recommendations, which were approved at WTDC-98 (Valletta, March 1998).

Separate editions in E, F, S

ISBN: E: 92-61-08131-2 F: 92-61-08132-0
S: 92-61-08133-9

Article: E: 13409 F: 13410 S: 13411
pp.: 60 Price: 46 CHF

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ITU-D Question 3/1 – Impact of the Introduction and Utilization of New Technologies on the Commercial and Regulatory Environment of Telecommunications

1998 – (SG1) Final Report

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ISBN: E: 92-61-07231-3 F: 92-61-07232-1
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Article: E: 13143 F: 13157 S: 13172
A: 16050

pp.: 102

Price: 57 CHF

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ITU-D Question 3/2 – Planning, Management Operation, and Maintenance of Telecommunication Networks

1998 – (SG2) Final Report

Separate editions in E, F, S, A

ISBN: E: 92-61-07281-X F: 92-61-07282-8
S: 92-61-07283-6 A: 92-61-07286-0

Article: E: 13149 F: 13163 S: 13178
A: 17484

pp.: 32

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ITU-D Question 4/1 – Policies and Ways for Financing Telecommunication Infrastructures in Developing Countries

1998 – (SG1) Interim Report

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pp.: 56

Price: 49 CHF

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ITU-D Question 4/2 – Communications for Rural and Remote Areas

1998 – (SG2) Final Report

Separate editions in E, F, S, A

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S: 92-61-07293-3 A: 92-61-07296-8

Article: E: 13150 F: 13164 S: 13179
A: 16049

pp.: 54

Price: 34 CHF

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ITU-D Question 5/2 – Human Resources Development and Management

1998 – (SG2) Final Report

Separate editions in E, F, S, A

ISBN: E: 92-61-07301-8 F: 92-61-07302-6
S: 92-61-07303-4 A: 92-61-07306-9

Article: E: 13151 F: 13165 S: 13180
A: 19208

pp.: 28

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ITU-D Question 6/2 – Impact of Telecommunications in Health-care and Other Social Services

1998 – (SG2) Final Report

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ISBN: E: 92-61-07311-5 F: 92-61-07312-3
S: 92-61-07313-1 A: 92-61-07316-6

Article: E: 13152 F: 13166 S: 13181
A: 16320

pp.: 142

Price: 128 CHF

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Electronic Bookshop

ITU-D Question 7/1 – Universal access/service

2002 – Final Report

This final report gives an overview of the various methods to implement and finance the universal access/service. It aims at guiding developing countries towards the achievement of this goal.

Separate editions in E, F, S

ISBN: E: 92-61-09221-7 F: 92-61-09222-5
S: 92-61-09223-3

Article: E: 19139 F: 19140 S: 19141

pp.: 130

Price: 56 CHF

Online

Electronic Bookshop



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ITU-D Question 7/2 – Telecommunication Support for the Protection of the Environment

1998 – (SG2) Final Report

Separate editions in E, F, S

ISBN: E: 92-61-07321-2 F: 92-61-07322-0
S: 92-61-07323-9

Article: E: 13153 F: 13167 S: 13182
pp.: 47 Price: 29 CHF

Online

Electronic Bookshop

ITU-D Question 8/2 – Public Service Broadcasting Infrastructure in Developing Countries

1998 – (SG2) Final Report

Separate editions in E, F, S, A

ISBN: E: 92-61-07331-X F: 92-61-07332-8
S: 92-61-07333-6 A: 92-61-07336-0

Article: E: 13154 F: 13168 S: 13183
A: 19209

pp.: 31 Price: 18 CHF

Online

Electronic Bookshop

ITU-D Question 9/2 – Frequency agile systems in the MF/HF bands

2002 – Final Report

The publication relates to activities carried out in the Radiocommunication Sector in the field of frequency agile systems in the MF/HF bands. A detailed description of frequency agile systems is given in the Annex. The paper takes into account the results of WRC-2000, possible actions at future WRCs and actions completed in the ITU-R Study Groups.

Separate editions in E, F, S, A

ISBN: E: 92-61-09721-9 F: 92-61-09722-7
S: 92-61-09723-5 A: 92-61-09726-X

Article: E: 21247 F: 21248 S: 21249
A: 23218

pp.: 16 Price: 14 CHF

Online

Electronic Bookshop

ITU-D Question 9/2 – High Altitude Platform Stations: an opportunity to close the information gap

2002 – Final Report

The publication provides an update on technical and regulatory developments with respect to high altitude platform stations (HAPS).

Separate editions in E, F, S

ISBN: E: 92-61-09841-X F: 92-61-09842-8
S: 92-61-09843-6

Article: E: 21364 F: 21365 S: 21366
pp.: 16 Price: 14 CHF

Online

Electronic Bookshop

ITU-D Question 9/2 – Identify study group Questions in the ITU-T and ITU-R Sectors which are of particular interest to developing countries

2002 – Report

This report covers some selected questions in the ITU-T and ITU-R Sectors which are of particular interest to developing countries, and reflects the progress of work on these Questions, mainly relevant to: maintenance, acquisition of propagation data; spectrum management, protection of telecommunication installation and equipment, international telephone tariffs and accounting.

Separate editions in E, F, S

ISBN: E: 92-61-09241-1 F: 92-61-09242-X
S: 92-61-09243-8

Article: E: 19145 F: 19146 S: 19147
pp.: 44 Price: 14 CHF

Online

Electronic Bookshop

ITU-D Question 9/2 – Recommendation: Effective utilization of the amateur services in disaster mitigation and relief operations

2001

This recommendation invites the telecommunication administrations to include

amateur services in their national disaster plans, and to cooperate more closely with amateur and disaster relief organizations.

Separate editions in E, F, S

ISBN: E: 92-61-09231-4 F: 92-61-09232-2
S: 92-61-09233-0

Article: E: 19142 F: 19143 S: 19144
pp.: 8 Price: 11 CHF

Online

Electronic Bookshop

ITU-D Question 12/2 – Examine broadband communications over traditional copper wires: Report on DSL technologies

2002 – Final Report

The publication seeks to update the current achievements being made in terms of DCE-related standardization work with a view to describe and evaluate DSL technologies. It includes extracts of updated and published ITU-T recommendations and additional information obtained from ETSI, ANSI and the DSL Forum.

Separate editions in E, F, S

ISBN: E: 92-61-09871-1 F: 92-61-09872-X
S: 92-61-09873-8

Article: E: 21434 F: 21435 S: 21436
pp.: 90 Price: 45 CHF

Online

Electronic Bookshop

ITU-D Question 13/1 – Promotion of infrastructure and use of the Internet in developing countries

2002 – Final Report

The Internet is widely, if not universally, viewed as the prototype technology of the emerging information era, with vast potential to reshape and transform the ways in which people organize their lives, interact with each other, and participate in the various spheres of society. This publication deals with the existing and potential use of the Internet in developing countries.

Separate editions in E, F, S, A

ISBN: E: 92-61-09251-9 F: 92-61-09252-7
S: 92-61-09253-5 A: 92-61-09256-X

Article: E: 19148 F: 19149 S: 19150
A: 20657

pp.: 84 Price: 38 CHF

Online

Electronic Bookshop

ITU-D Question 14/2 – Fostering the application of telecommunication in health care

2002 – Final Report

This review summarizes the experience gained from several telemedicine missions and pilot projects initiated and implemented by BDT, together with the different partners. It also describes the common and most urgent problems in developing countries which could be alleviated by using telemedicine.

Separate editions in E, F, S, A

ISBN: E: 92-61-09261-6 F: 92-61-09262-4
S: 92-61-09263-2 A: 92-61-09266-7

Article: E: 19151 F: 19152 S: 19153
A: 23252

pp.: 108 Price: 56 CHF

Online

Electronic Bookshop

ITU-D Question 16/2 – Handbook on disaster communications

2002 – Final Report

This publication provides guidance for those involved in humanitarian assistance using telecommunications to mitigate the effects of disasters. Published in three parts, Part 1 is intended for policy makers;

Part 2 is an operational manual to help select appropriate resources including the amateur radio services; Part 3 is a technical annex. An extensive bibliography is included to point the reader toward additional sources of information.

Separate editions in E, F, S

ISBN: E: 92-61-09271-3 F: 92-61-09272-1
S: 92-61-09273-X

Article: E: 19154 F: 19155 S: 19160
pp.: 146 Price: 98 CHF

Online

Electronic Bookshop

ITU-D Question 16/2 – Handbook on new technologies and new services

Fascicle 1: New technologies supporting new networks

2002 – Report

The objective of Fascicle 1 is to offer to the reader information about the latest technologies applied to support new digital networks and services. Fascicle 1 deals with technologies such as optical fibres, digital radio-relay systems, mobile and satellite systems, digital switching and new signalling systems, synchronisation techniques, digital transmission including those for the access network, and ATM technology.

Separate editions in E, F, S

ISBN: E: 92-61-09281-0 F: 92-61-09282-9
S: 92-61-09283-7

Article: E: 19161 F: 19163 S: 19164
pp.: 280 Price: 116 CHF

Online

Electronic Bookshop

ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 2: Digital networks and services

2002 – Report

The aim of Fascicle 2 is to provide a survey of networks and services in the changing telecommunications environment by presenting the general characteristics and capabilities that various networks and services offer to the market, whilst not dealing with technical details that are the subject of standardization. The reviewed networks and services are, in general, compliant with the relevant ITU Recommendations.

Separate editions in E, F, S

ISBN: E: 92-61-09291-8 F: 92-61-09292-6
S: 92-61-09293-4

Article: E: 19165 F: 19167 S: 19169
pp.: 304 Price: 144 CHF

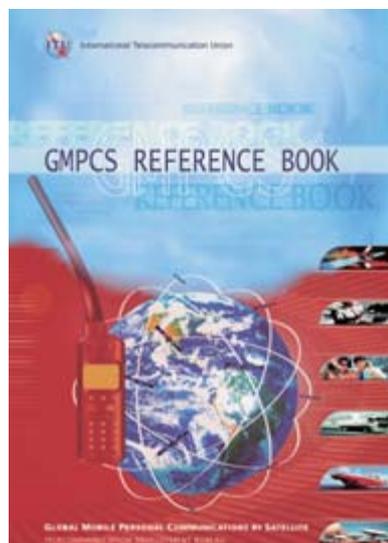
Online

Electronic Bookshop

2.6 MANUALS AND HANDBOOKS

GMPCS Reference Book

December 1999



This first edition of the “GMPCS Reference Book” provides information on all aspects of GMPCS services, including reference materials, covering regulatory, technical, operational and commercial implications. Its specifically logical presentation aids the reader in discovering all there is to know about this new breakthrough which could be extremely beneficial to developing countries aiming at Universal Access.

Separate editions in E, F, S, R

ISBN: E: 92-61-08311-0 F: 92-61-08312-9
S: 92-61-08313-7 R: 92-61-08314-5

Article: E: 16857 F: 16858 S: 16859

pp.: 388 Price: 48 CHF

Electronic Bookshop

Manual on Mobile Communications Development

1997

Under the Buenos Aires Action Plan, the BDT has developed this manual to assist developing countries in the planning and engineering of mobile Communications taking into consideration all kinds of technologies worldwide with emphasis on the development of a business plan criteria.

Separate editions in E, F, S

ISBN: E: 92-61-06631-3 F: 92-61-06632-1
S: 92-61-06633-X

Article: E: 11166 F: 15665 S: 15666

pp.: 170 Price: 40 CHF

Electronic Bookshop



2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)

Windows Basic Automated Spectrum Management System (WinBASMS)

2nd edition – August 1997

Software.

Separate editions in E, F, S

Article: E: 12293 F: 12294 S: 12295
Diskette Price: 100 CHF

Windows Basic Automated Spectrum Management System (WinBASMS)

2nd edition – August 1997

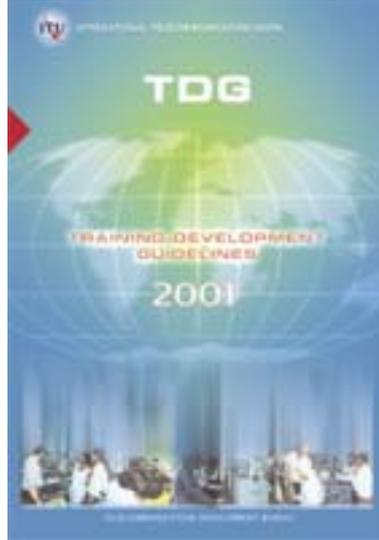
User manual.

Separate editions in E, F, S, A

Article: E: 12290 F: 12291 S: 12292
Paper Price: 48 CHF

Training Development Guidelines

2001



This publication is intended primarily as a guide for course developers and adaptors in their efforts to carry out, monitor and follow up a training development project

in a systematic manner. The approach used in the TDG is based on a “systems approach model” which considers the organization as a system.

Separate editions in E, F, S

ISBN: E: 92-61-08711-6 F: 92-61-08712-4
S: 92-61-08713-2

Article: E: 18438 F: 18439 S: 18440
pp.: 390 Price: 90 CHF

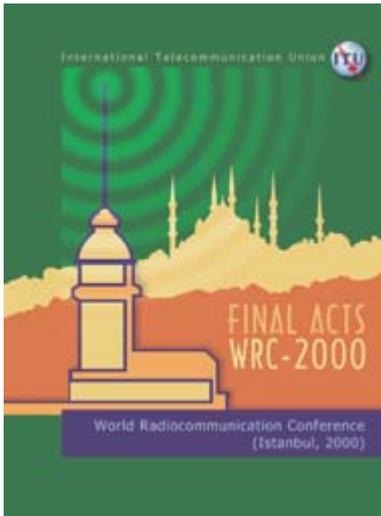
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3.1 FINAL ACTS

Final Acts of the World Radiocommunication Conference (WRC-2000)

Istanbul, 2000



The Final Acts record the decisions taken at the World Radiocommunication Conference, 2000 (WRC-2000). They include the new and revised provisions of the Radio Regulations and associated Appendices, as well as the new and revised Resolutions and Recommendations adopted by the Conference. Statements made by Member States at the time of signing the Final Acts are also included.

Separate editions in E, F, S, R

ISBN: E: 92-61-08571-7 F: 92-61-08572-5
S: 92-61-08573-3 R: 92-61-08574-1

Article: E: 17909 F: 17910 S: 17911
R: 20033

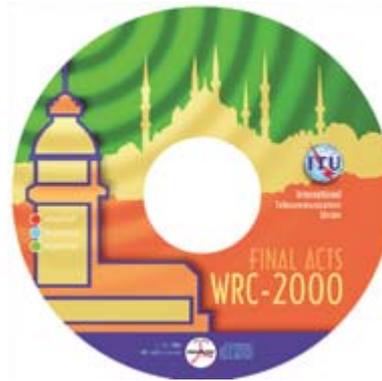
pp.: 676 Price: 120 CHF

Electronic Bookshop

ITU Publications are available in English, French and Spanish, many of which exist in Arabic, Chinese, and Russian, as well

Final Acts of the World Radiocommunication Conference (WRC-2000)

Istanbul, 2000



The texts are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format.

Multilingual edition in E, F, S

ISBN: 92-61-08577-6

Article: 17912

CD-ROM Price: 120 CHF

Final Acts of the World Radiocommunication Conference (WRC-97)

Geneva, 1997

The Final Acts record the decisions taken at the World Radiocommunication Conference, 1997 (WRC-97). They include the new and revised provisions of the Radio Regulations and associated Appendices, as well as the new and revised Resolutions and Recommendations adopted by the Conference. Statements made by Member States at the time of signing the Final Acts are also included.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-07121-X F: 92-61-07122-8
S: 92-61-07123-6 R: 92-61-07124-4

Article: E: 12538 F: 12539 S: 12540
R: 12868 C: 13230

pp.: 755 Price: 120 CHF

Electronic Bookshop

Final Acts of the World Radiocommunication Conference (WRC-97)

Geneva, 1997

The texts are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format.

Multilingual edition in E, F, S

ISBN: 92-61-07127-9

Article: 12541

CD-ROM Price: 120 CHF

Final Acts of the World Radiocommunication Conference (WRC-95)

Geneva, 1995

The Final Acts record the decisions taken at the World Radiocommunication Conference, 1995 (WRC-95). They include the new and revised provisions of the Radio Regulations and associated Appendices, as well as the new and revised Resolutions and Recommendations adopted by the Conference. Statements made by Member States at the time of signing the Final Acts are also included.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-06151-6 F: 92-61-06152-4
S: 92-61-06153-2 R: 92-61-06154-0
C: 92-61-06155-9 A: 92-61-06156-7

Article: E: 6816 F: 6815 S: 6817
R: 9561 C: 12021 A: 9649

pp.: 650 Price: 120 CHF

Final Acts of the Regional Administrative Radio Conference for the Planning of VHF/UHF Television – Broadcasting in the African Broadcasting Area and Neighbouring Countries

Geneva, 1989

Separate editions in E, F, S, A

ISBN: E: 92-61-03991-X F: 92-61-03992-8
S: 92-61-03993-6 A: 92-61-03996-0

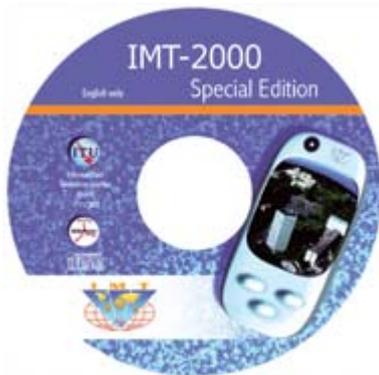
Article: E: 2266 F: 2265 S: 2267
A: 2268

pp.: 128 Price: 38 CHF

3.2 REGULATORY PUBLICATIONS (INCLUDING SERVICE DOCUMENTS)

IMT-2000: Special Edition

2000



This CD-ROM is of particular interest to experts involved in IMT-2000 radio and network standards development and also to all those interested in a deeper understanding of the global scene of personal mobile communications. It contains a complete set of ITU texts on IMT-2000 and other related topics and includes Recommendation ITU-R M.1457 which describes the detailed specifications of the radio interfaces of IMT-2000.

Edition in E

ISBN: E: 92-61-08631-4

Article: E: 18124

CD-ROM

Price: 50 CHF

(Istanbul, 2000) (WRC-2000). This includes new and revised provisions of the Radio Regulations, the Appendices, Resolutions, Recommendations as well as the ITU-R Recommendations incorporated by reference.

Separate editions in E, F, S

ISBN: E: 92-61-09351-5 F: 92-61-09352-3
S: 92-61-09353-1

Article: E: 19838 F: 19839 S: 19840

pp.: 2090 Price: 240 CHF

Electronic Bookshop

Radio Regulations – Volumes 1, 2, 3 and 4

2001 edition – A5 format



Separate editions in E, F, S

ISBN: E: 92-61-09361-2 F: 92-61-09362-0
S: 92-61-09363-9

Article: E: 19842 F: 19843 S: 19844

pp.: 2090 Price: 240 CHF

Electronic Bookshop

Radio Regulations – Volumes 1, 2, 3 and 4

2001 edition – CD-ROM



The texts are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format.

Multilingual edition in E, F, S

ISBN: 92-61-09377-9

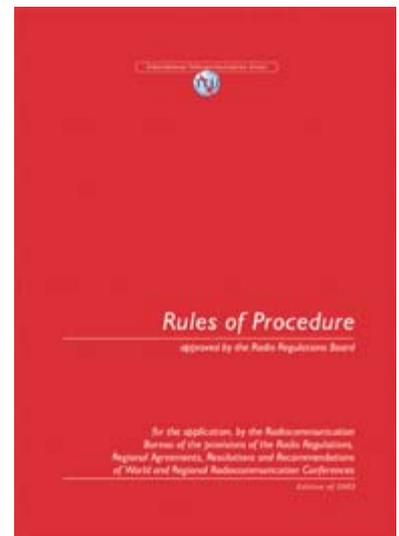
Article: 19845

CD-ROM

Price: 240 CHF

Rules of Procedure

2002 edition, Geneva, 2002



Rules of Procedure, approved by the Radio Regulations Board, for the application by the Radiocommunication Bureau of the provisions of the Radio Regulations, Regional Agreements and Resolutions and Recommendations of World and Regional Radiocommunication Conferences.

Separate editions in E, F, S

ISBN: E: 92-61-10061-9 F: 92-61-10062-7
S: 92-61-10063-5

Article: E: 21796 F: 21797 S: 21798

pp.: 332 Price: 170 CHF

Electronic Bookshop

Radio Regulations – Volumes 1, 2, 3 and 4

2001 edition – A4 format



The Radio Regulations, edition of 2001, contain the complete texts of the Radio Regulations as adopted by the World Radiocommunication Conference (Geneva, 1995) (WRC-95) and subsequently revised and adopted by the World Radiocommunication Conference (Geneva, 1997) (WRC-97) and by the World Radiocommunication Conference

Rules of Procedure – Online subscription

2002 edition, Geneva, 2002

Rules of Procedure, approved by the Radio Regulations Board, for the application by the Radiocommunication Bureau of the provisions of the Radio Regulations, Regional Agreements and Resolutions and Recommendations of World and Regional Radiocommunication Conferences.

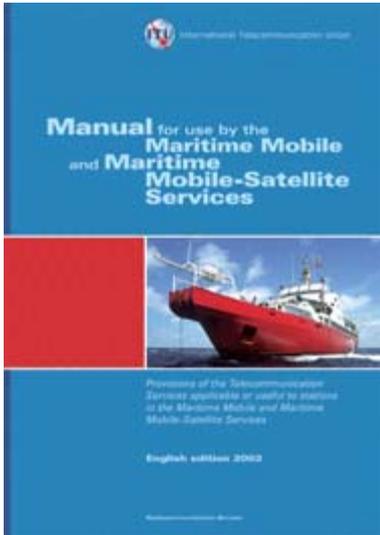
Separate editions in E, F, S

pp.: 330

Price: 170 CHF

Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services

Edition 2002



This new edition of the Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services reflects the regulatory provisions and the latest decisions concerning those services by ITU conferences (including relevant decisions pertaining to the introduction of new systems and techniques). As prescribed in Appendix 16 of the Radio Regulations, the Manual is required to be carried in stations on board ships.

Separate editions in E, F, S

ISBN: E: 92-61-09691-3 F: 92-61-09692-1
S: 92-61-09693-X

Article: E: 20998 F: 20999 S: 21000

pp.: 552 Price: 60 CHF

Electronic Bookshop

Connect to our Electronic Bookshop at: www.itu.int/publications

Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services

2002 edition



The texts are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format.

Multilingual edition in E, F, S

ISBN: 92-61-09707-3

Article: 21001

CD-ROM Price: 60 CHF

Excerpts of ITU radiocommunication texts concerning the amateur service and amateur-satellite service

2001 edition

This fascicle contains reprints of selected parts of the Radio Regulations, and ITU-R Questions, Recommendations and a Report concerning the amateur and amateur-satellite services. It is intended to concentrate in one volume all ITU texts concerning these services. It will be useful for national services in charge of radio-frequency spectrum management. It is also intended for radio amateurs wishing to keep abreast of the status of the amateur services from the standpoint of the Radio Regulations and Recommendations in force.

Separate editions in E, F, S

ISBN: E: 92-61-09411-2 F: 92-61-09412-0
S: 92-61-09413-9

Article: E: 20239 F: 20240 S: 20241

pp.: 118 Price: 25 CHF

Electronic Bookshop

Excerpts of ITU radiocommunication texts concerning the amateur service and amateur-satellite service

2001 edition

The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-09427-9

Article: 20242

CD-ROM Price: 25 CHF

BR International Frequency Information Circular (BR IFIC)

2003 – Yearly Subscription Service



The consolidated package of the BR IFIC contains details on the current and intended frequency usage by ITU Member States. The package is composed of two parts:

- A part dealing with space services (BR IFIC – Space Services) contains information on the frequency assignments to space stations, earth stations or radio-astronomy stations submitted by Administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register, as well as those that are submitted under the relevant provisions of the Radio Regulations or which are subject to the Appendices 30, 30A and 30B Plans. The information published corresponds to the recorded assignments as well as the notifications still under treatment.
- A part dealing with terrestrial services (BR IFIC – Terrestrial Services) contains a permanently updated edition of the International Frequency List (as described in Nos. 20.2 to 20.6 of the Radio Regulations) with regard to terrestrial services,

as well as permanently updated versions of the frequency allotment or assignment plans for terrestrial services that are drawn up under the auspices of ITU. In addition, it contains information on the frequency assignments submitted by the Administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register and in the various regional or worldwide Plans/Agreements, i.e. a consolidated set of notices under treatment or for Plan modification.

The BR International Frequency Information Circular is published on CD-ROM every two weeks. One copy of the BR IFIC (consolidated package) is provided to the ITU Member States' administration responsible for radiocommunication matters. The BR IFIC is also available for sale, either as a package, or separately (space part or terrestrial part).

Note: For software and hardware requirements to use BR IFIC, please refer to Publication Notice No. 283-03. However, it is important to note that the BR IFIC – Terrestrial Services part runs only under the Windows NT or Windows 2000 operating systems.

Multilingual edition in E, F, S

CD-ROM Price: 3500 CHF

BR International Frequency Information Circular (BR IFIC) Space Services

2003 – Per issue

BR IFIC Space Services is a service document on CD-ROM in Adobe Acrobat PDF format published every two weeks by the Radiocommunication Bureau in accordance with provision No. 20.13 and No. 20.15 of the Radio Regulations, as well as former Resolution 30 (WRC-97). It contains information on the frequency assignments to space stations, earth stations or radioastronomy stations submitted by Administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register, as well as those that are submitted under the relevant provisions of the Radio Regulations or which are subject to the Appendices 30, 30A and 30B Plans. The information published corresponds to the recorded assignments as well as the notifications still being processed.

Multilingual edition in E, F, S

CD-ROM Price: 300 CHF

BR International Frequency Information Circular (BR IFIC) Terrestrial Services only

2003 – Per issue

The BR International Frequency Information Circular (BR IFIC) Terrestrial Services is a consolidated regulatory publication, in CD-ROM or DVD-ROM format, published once every two weeks by the Radiocommunication Bureau, pursuant to the Radio Regulations (Nos. 20.2 to 20.6 and No. 20.15) and various Regional Agreements. It contains information on the frequency assignments/allotments submitted by Administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register and in the various regional or worldwide Plans/Agreements. The information published corresponds to the recorded assignments/allotments as well as the notifications in process.

Yearly subscription for Terrestrial Services only: 1750 CHF

Multilingual edition in E, F, S

CD-ROM Price: 150 CHF

High Frequency Broadcasting Schedule on CD-ROM

2003

This publication on CD-ROM contains the up-to-date High Frequency Broadcasting Schedule notified to ITU and propagation data for interference analysis, together with calculation software. A CD-ROM package is issued at the end of the following months: January to May and July to December. Each Edition replaces the previous one.

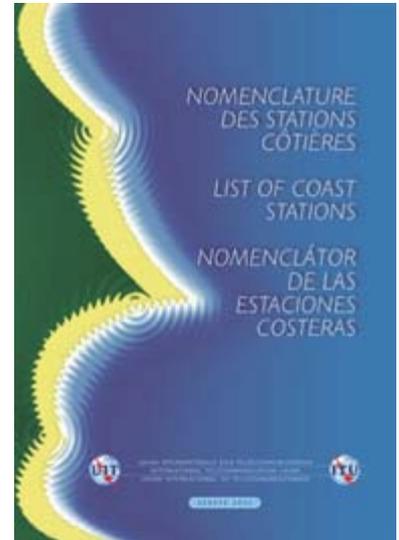
Per issue: 100 CHF

Multilingual edition in E, F, S

CD-ROM Price: 900 CHF

List IV – List of Coast Stations

18th edition, 2002



This List contains particulars of coast stations and coast earth stations providing a public correspondence service with their charges and accounting authorities. The List also contains an annex with particulars on different categories of stations participating in the GMDSS (e.g. particulars of stations transmitting maritime safety information that participate in the NAVTEX services coordinated by the International Maritime Organization).

In pursuance of Article 20 of the Radio Regulations, this Service Document is published every two years and is kept up-to-date by means of three semi-annual supplements.

As prescribed in Appendix 16 to the Radio Regulations, this List is required to be carried in stations on board ships for which a radiotelegraph installation is required by international agreement. It is also required to be carried in stations on board ships for which a radiotelephone is required by international agreement, and in stations on board ships for which a GMDSS installation is required by international agreement, unless these stations are sailing only within range of VHF coast stations.

Multilingual edition in E, F, S

ISBN: 92-71-12031-0

Article: 21266

pp.: 954

Price: 60 CHF



FORTHCOMING

List V – List of Ship Stations

43rd edition, 2003

This List is a service document published annually by ITU in pursuance of Article 20 of the Radio Regulations, Edition of 2001. As prescribed in Appendix 16 to the above-mentioned Regulations, all stations on board ships for which a GMDSS or Morse radiotelegraph installation is required by international agreement shall be provided with this List.

This List is published in two complementary parts as follows:

Part A – in paper format

Part B – in CD-ROM format

The List is complete only if both parts are available.

Multilingual edition in E, F, S

Paper

NEW

List VI – List of Radiodetermination and Special Service Stations

15th edition, March 2003

This List contains particulars of radio direction-finding stations and radiobeacon stations of the maritime radionavigation service and the particulars of radiodetermination-satellite systems available for maritime use, ocean-station vessels, direction-finder calibration stations as well as stations transmitting standard frequency and time signals, regular meteorological bulletins, notices to navigators, medical advice and urisigrams.

In pursuance of Article 20 of the Radio Regulations, this Service Document is published by ITU at intervals decided by the Secretary-General, normally about every three and a half years, and is kept up to date by supplements issued every six months.

As prescribed in Appendix 16 to the aforementioned Regulations, this List is required to be carried in stations on board ships for which a radiotelegraph installation is required by international agreement.

Multilingual edition in E, F, S

ISBN: 92-71-09034-9

Article: 22700

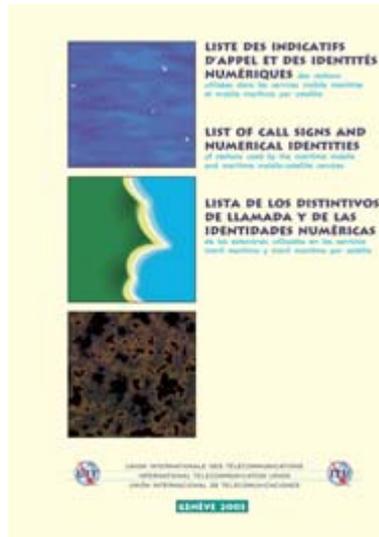
pp.: 848

Price: 72 CHF

NEW

List VII A – List of Call Signs and Numerical Identities of Stations Used by the Maritime Mobile and Maritime Mobile-Satellite Services

21st edition, 2003



This List is a service document published by ITU in pursuance of Article 20 of the Radio Regulations (Edition of 2001). As prescribed in Appendix 16 to the aforementioned Regulations, all stations on board ships for which a GMDSS installation or a Morse radiotelegraph installation is required by international agreement shall be provided with this List. The List is brought up to date by quarterly supplements.

Multilingual edition in E, F, S

ISBN: 92-71-13037-5

Article: 22977

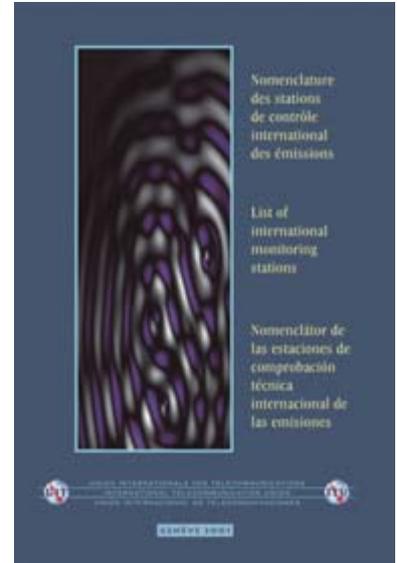
pp.: 1052

Price: 93 CHF

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List VIII – List of International Monitoring Stations

9th edition, March 2001



This List contains, in tabulated form, particulars of monitoring stations participating in international monitoring, together with the addresses of the centralizing offices. It contains particulars of stations carrying out measurements related to stations of terrestrial radiocommunication services and particulars of stations carrying out measurements related to stations in the space radiocommunication services. In pursuance of Article 20 of the Radio Regulations, this Service Document is published at intervals determined by the Secretary-General, normally every five years. Information for updating this List is published in the ITU Operational Bulletin.

Multilingual edition in E, F, S

ISBN: 92-71-05026-6

Article: 18688

pp.: 170

Price: 70 CHF

Online

Electronic Bookshop

Maritime Mobile Access and Retrieval System (MARS)

Free of charge

Available, on a 24-hour per day and 7-day per week basis on ITU's Website (www.itu.int/MARS/), this remote online access and retrieval system allows users, using specific search criteria, to consult the information registered in the corresponding ship station database system.

Updated on a weekly basis, this system contains particulars of over 300,000 ship stations, addresses and contact information of Accounting Authorities and notifying Administrations as well as the allocation tables in accordance with the Radio Regulations (e.g. MIDs, Call Sign Series, etc.).

Relevant data for search and rescue activities, including information such as the emergency contact person(s) ashore (names, addresses, telephone and telefax numbers) as well as alternative 24-hour emergency telephone numbers, is also provided.

Due to the confidentiality of certain information, access may be restricted to administrations and Rescue Coordination Centers.

Edition in E

Online

Space Network Systems Online

Yearly Subscription Service – Free of charge

Free of charge as from 1st May 2000. In addition to a brief overview of the Radio Regulations referring to space services and general information containing statistics, a database diagram, tables and the APS4 notice forms, the Space Network Systems Online Service allows the user to navigate freely through the database, making predefined special queries to retrieve data based on specified input parameters and to access reference tables and descriptions of the data used in the system, which is updated bi-weekly. This service is an essential reference tool for government agencies, public and private telecommunication operating agencies, manufacturers, scientific/industrial entities, international organizations, consultants, technical colleges, universities, etc.

Edition in E

Online



Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM)

2003 – Collection of the two CD-ROMs

The Space Radiocommunications Stations on CD-ROM is a service document published in electronic format by the Radiocommunication Bureau (BR) pursuant to the pertinent provisions of Article 20 of the Radio Regulations. It contains alphanumeric and graphical information on satellite networks and earth stations, which are provided to and maintained by BR.

The software (SPACEQRY) allows the user to access the data (in an MS-Access Version 97 database) by such criteria as space station/earth station name, orbital position (or range of orbital positions), space station/earth station administration, country, geographical coordinates, class of station, assigned frequency (or range of assigned frequencies) and category (coordination/notification). It permits the user to navigate within the set of data retrieved, to print some or all of the data and to export an extracted subset to an MS-Access database. The related graphical data (consisting of diagrams for the antenna gain contours, service area and the gain towards the geostationary orbit) can be viewed through GIMS, either through the alphanumeric information retrieval software or independently.

The CD also contains software developed by BR for the electronic notification and validation of satellite networks/earth stations; SPACECAP allows the capture of satellite networks/earth stations parameters which can be validated via the "SPACE VALIDATION" software, GIMS allows the capture of the related graphical data (mentioned above) and the carrying out of power-flux density calculations, SPS is used to analyze the Space Plans (Appendices 30, 30A and 30B) and GIBC to carry out Appendix 8 (29) and power-flux density calculations.

Multilingual edition in E, F, S

Article: 22735

CD-ROM

Price: 900 CHF



Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM)

March 2003



Multilingual edition in E, F, S

ISBN: 92-61-10247-6

Article: 22345

CD-ROM

Price: 450 CHF



Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM)

September 2003

Multilingual edition in E, F, S

ISBN: 92-61-10257-3

Article: 22736

CD-ROM

Price: 450 CHF

3.3 ITU-R RECOMMENDATIONS

ITU-R Recommendations constitute a set of standards previously known as CCIR Recommendations. They are the result of studies undertaken by Radiocommunication Study Groups on:

- the use of the radio-frequency spectrum in terrestrial and space radiocommunication including the use of satellite orbits;
- the characteristics and performance of radio systems, except the interconnection of radio systems in public communication networks and the performance required for these interconnections which are part of the ITU-T Recommendations;
- the operation of radio stations; and
- the radiocommunication aspects of distress and safety matters.

ITU-R Recommendations are divided into Series according to the subject areas they cover, as follows:

Series	Subject area	Series	Subject area
BO	Satellite delivery	S	Fixed-satellite service
BR	Recording for production, archival and play-out; film for television	SA	Space applications and meteorology
BS*	Broadcasting service (sound)	SF	Frequency sharing and coordination between fixed-satellite and fixed service systems
BT*	Broadcasting service (television)	SM	Spectrum management
F	Fixed service	SNG	Satellite news gathering
M	Mobile, radiodetermination, amateur and related satellite services	TF	Time signals and frequency standards emissions
P	Radiowave propagation	V	Vocabulary and related subjects
RA	Radio astronomy		

* The BS and BT Series are published together in one Volume (BS and BT Series – Broadcasting service).

List of ITU-R Recommendations

Free of charge

This is an updated list of all ITU-R Recommendations in force. The printed list is published once a year, while the online version is kept up to date on the ITU Website.

Separate editions in E, F, S

pp.: 62

Online

Electronic Bookshop

**New or old standards?
Now pre-published,
draft and superseded
ITU-R Recommendations
available online**

ITU-R Recommendations on CD-ROM

Yearly Subscription Service

The ITU-R Recommendations on CD-ROM contain the Recommendations of the ITU Radiocommunication Sector in force and available at the time of publication. They are published in March and September of each year. Both editions are included in the yearly subscription. The files are provided in Adobe Acrobat PDF format, as well as in their original Word for Windows format. The price indicated is for a single-user licence. A price multiplier applies for multi-user environments for customers with a larger number of authorised users. Price multipliers are 2 (up to 10 users), 4 (up to 25 users), 6 (up to 50 users) and 9 (up to 100 users).

Separate editions in E, F, S

CD-ROM

Price: 850 CHF



ITU-R Recommendations on CD-ROM

2003-1 (March 2003)



This disk contains all the Recommendations of the ITU Radiocommunication Sector in force and available as from 1st January 2003. The files are available



3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

in Adobe Acrobat PDF format, as well as in their original Word for Windows format. Price indicated for a single-user licence. A price multiplier applies for multi-user environments for customers with a possibly large number of authorised users. Price multipliers are 2 (up to 10 users), 4 (up to 25 users), 6 (up to 50 users) and 9 (up to 100 users).

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ISBN: E: 92-61-10261-1 F: 92-61-10262-X
S: 92-61-10263-8

Article: E: 21827 F: 21828 S: 21829

CD-ROM Price: 600 CHF



ITU-R Recommendations on CD-ROM

2003-2 (September 2003)

This disk contains all the Recommendations of the ITU Radiocommunication Sector in force and available as from 1st January 2002. The files are available in Adobe Acrobat PDF format, as well as in their original Word for Windows format. Price indicated for a single-user licence. A price multiplier applies for multi-user environments for customers with a large number of authorised users. Price multipliers are 2 (up to 10 users), 4 (up to 25 users), 6 (up to 50 users) and 9 (up to 100 users).

Separate editions in E, F, S

ISBN: E: 92-61-10271-9 F: 92-61-10272-7
S: 92-61-10273-5

Article: E: 22491 F: 22492 S: 22493

CD-ROM Price: 600 CHF

ITU-R Recommendations Online

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In force, draft, pre-published and superseded ITU-R Recommendations are available online in Word for Windows and Adobe Acrobat PDF formats. The collection is updated weekly. The subscription price indicated is for a yearly single-user licence. A price multiplier applies for multi-user environments for customers with a larger number of authorized users. Price multipliers are 2 (up to 10 users), 4 (up to 25 users), 6 (up to 50 users) and 9 (up to 100 users).

Separate editions in E, F, S

Online Price: 750 CHF

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Individually available

This service provides access via the ITU Website to individual in force, draft, pre-published and superseded ITU-R Recommendations with payment by credit card or special customer account. Files are available in Word for Windows and Adobe Acrobat PDF formats. Prices depend on the Recommendation being ordered, however there is a minimum charge of CHF 20.

Separate editions in E, F, S

Electronic Bookshop



ITU-R Recommendations, Volume 2000 – BO Series

2000 (SG 10-11S)

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Separate editions in E, F, S

ISBN: E: 92-61-09061-0 F: 92-61-09062-1
S: 92-61-09063-X

Article: E: 18986 F: 18987 S: 18988

pp.: 436 Price: 168 CHF

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Recommendations ITU-R BO.1130-4, BO.1504, BO.1505, BO.1506, BO.1516, BO.1517

These ITU-R Recommendations are available individually from the ITU Electronic Bookshop.

Separate editions in E, F, S

ISBN: E: 92-61-09731-6 F: 92-61-09732-4
S: 92-61-09733-2

Article: E: 21088 F: 21089 S: 21090

pp.: 220 Price: 94 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – BR Series

2000 (SG 10-11R)

Sound and television recording

Separate editions in E, F, S

ISBN: E: 92-61-09071-0 F: 92-61-09072-9
S: 92-61-09073-7

Article: E: 18989 F: 18990 S: 18991

pp.: 288 Price: 109 CHF

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Electronic Bookshop

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2002 (SG 6)

Recording for production, archival and play-out; film for television

Recommendations ITU-R BR.408-7, BR.715-1, BR.777-3, BR.785-1, BR.1216-1, BR.1218-1, BR.1220-1, BR.1287-1, BR.1374-1, BR.1375-1, BR.1515, BR.1530, BR.1531

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Separate editions in E, F, S

ISBN: E: 92-61-09751-0 F: 92-61-09752-9
S: 92-61-09753-7

Article: E: 21085 F: 21086 S: 21087

pp.: 94 Price: 30 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – BS Series – Part 1

2000 (SG 10)

Broadcasting service (sound)

Separate editions in E, F, S

ISBN: E: 92-61-09001-X F: 92-61-09002-8
S: 92-61-09003-6

Article: E: 19035 F: 19036 S: 19037
pp.: 386 Price: 136 CHF

Online
Electronic Bookshop

ITU-R Recommendations, Volume 2000 – BS Series – Part 2

2000 (SG 10)

Broadcasting service (sound)

Separate editions in E, F, S, R

ISBN: E: 92-61-09011-7 F: 92-61-09012-5
S: 92-61-09013-3 R: 92-61-09014-1

Article: E: 19038 F: 19039 S: 19040
R: 22044

pp.: 368 Price: 168 CHF

Online
Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – BS-BT Series

2002 (SG 6)

Broadcasting services

ITU-R Recommendations BS.450-3, BS.1114-2, BT.1124-3, BS.1196-11, BT.1210-2, BT.1306-1, BS.1348-1, BT.1379-1, BT.1381-1, BS.1386-1, BS.1387-1 CD-ROM included, BT.1507, BT.1508, BS.1514, BT.1532, BT.1533, BS.1534, BT.1543, BS.1547, BS.1548, BT.1549

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S: 92-61-09743-X

Article: E: 21082 F: 21083 S: 21084
pp.: 552 Price: 154 CHF

Online
Electronic Bookshop

ITU-R Recommendations, Volume 2000 – BS Series – ITU-R Rec. BS.705-1, ITU-R Rec. BS.1195 and ITU-R Rec. BS.1386

2000 (SG 10)

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S: 92-61-09023-0

Article: E: 19041 F: 19042 S: 19043

pp.: 252 Price: 109 CHF

Online
Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – BS-BT Series – Rec. ITU-R BS.705-1, Rec. ITU-R BS.1195 and Rec. ITU-R BS.1386

2002 (SG 6)

Broadcasting service (sound)

HF transmitting and receiving antennas characteristics and diagrams – Transmitting antenna characteristics at VHF and UHF – LF and MF transmitting antennas characteristics and diagrams

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ISBN: E: 92-61-09761-8 F: 92-61-09762-6
S: 92-61-09763-4

Article: E: 21079 F: 21080 S: 21081

pp.: 52 Price: 26 CHF

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Electronic Bookshop

ITU-R Recommendations, Volume 2000 – BT Series – Part 1

2000 (SG 11)

Broadcasting service (television)

Separate editions in E, F, S

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S: 92-61-09033-8

Article: E: 18977 F: 18978 S: 18979

pp.: 336 Price: 136 CHF

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ITU-R Recommendations, Volume 2000 – BT Series – Part 2

2000 (SG 11)

Broadcasting service (television)

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ISBN: E: 92-61-09041-9 F: 92-61-09042-7
S: 92-61-09043-5

Article: E: 18980 F: 18981 S: 18982

pp.: 352 Price: 168 CHF

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ITU-R Recommendations, Volume 2000 – BT Series – Part 3

2000 (SG 11)

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Separate editions in E, F, S

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S: 92-61-09051-6

Article: E: 18983 F: 18984 S: 18985

pp.: 368 Price: 168 CHF

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Electronic Bookshop



3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

ITU-R Recommendations, Volume 2000 – F Series – Part 1 (A)

2000 (SG 9)

Fixed service – Radio-relay and other systems

Separate editions in E, F, S

ISBN: E: 92-61-08951-8 F: 92-61-08952-6
S: 92-61-08953-4

Article: E: 19020 F: 19021 S: 19022

pp.: 552 Price: 220 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – F Series – Part 3

2000 (SG 9)

Fixed service – HF systems

Separate editions in E, F, S

ISBN: E: 92-61-08981-X F: 92-61-08982-8
S: 92-61-08983-6

Article: E: 19029 F: 19030 S: 19031

pp.: 244 Price: 136 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – M Series – Part 2

2000 (SG 8)

International Mobile Telecommunications-2000 (IMT-2000)

Separate editions in E, F, S

ISBN: E: 92-61-08891-0 F: 92-61-08892-9
S: 92-61-08893-7

Article: E: 19002 F: 19003 S: 19004

pp.: 494 Price: 252 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – F Series – Part 1 (B)

2000 (SG 9)

Fixed service – Local access systems

Separate editions in E, F, S

ISBN: E: 92-61-08961-5 F: 92-61-08962-3
S: 92-61-08963-1

Article: E: 19023 F: 19024 S: 19025

pp.: 240 Price: 109 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – F Series – Parts 1(A), 1(B) and 2

2001 (SG 9)

Fixed service

Recommendations ITU-R F.383-7, F.385-7, F.635-6, F.746-5, F.748-4, F.749-2, F.1191-2, F.1397-1, F.1399-1, F.1405, F.1491-1, F.1509, F.1518, F.1519, F.1520

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Separate editions in E, F, S

ISBN: E: 92-61-09661-1 F: 92-61-09662-X
S: 92-61-09663-8

Article: E: 20933 F: 20934 S: 20935

pp.: 174 Price: 73 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – M Series – Part 3

2000 (SG 8)

Maritime mobile service and aeronautical mobile service

Separate editions in E, F, S

ISBN: E: 92-61-08911-9 F: 92-61-08912-7
S: 92-61-08913-5

Article: E: 19005 F: 19006 S: 19007

pp.: 448 Price: 168 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – F Series – Part 2

2000 (SG 9)

Fixed service – Frequency sharing aspects

Separate editions in E, F, S

ISBN: E: 92-61-08971-2 F: 92-61-08972-0
S: 92-61-08973-9

Article: E: 19026 F: 19027 S: 19028

pp.: 316 Price: 136 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – M Series – Part 1

2000 (SG 8)

Land mobile service excluding IMT-2000

Separate editions in E, F, S

ISBN: E: 92-61-08881-3 F: 92-61-08882-1
S: 92-61-08883-X

Article: E: 18999 F: 19000 S: 19001

pp.: 316 Price: 136 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – M Series – Part 4

2000 (SG 8)

Radiodetermination service

Separate editions in E, F, S

ISBN: E: 92-61-08921-6 F: 92-61-08922-4
S: 92-61-08923-2

Article: E: 19011 F: 19012 S: 19013

pp.: 276 Price: 109 CHF

Online

Electronic Bookshop



ITU-R Recommendations, Volume 2000 – M Series – Part 5

2000 (SG 8)

Mobile satellite services and radiodetermination satellite service

Separate editions in E, F, S

ISBN: E: 92-61-08931-3 F: 92-61-08932-1
S: 92-61-08933-X

Article: E: 19014 F: 19015 S: 19016

pp.: 468 Price: 168 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – M Series – Part 6

2000 (SG 8)

Amateur service and amateur-satellite service

Separate editions in E, F, S

ISBN: E: 92-61-08941-0 F: 92-61-08942-9
S: 92-61-08943-7

Article: E: 19017 F: 19018 S: 19019

pp.: 48 Price: 30 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – M Series – Part 2, ITU-R Recommendation M.1457

2000 (SG 8)

Detailed specifications of the radio interfaces of International Mobile Telecommunications-2000 (IMT-2000)

Separate editions in E, F, S

ISBN: E: 92-61-08901-1 F: 92-61-08902-X
S: 92-61-08903-8

Article: E: 19008 F: 19009 S: 19010

pp.: 244 Price: 64 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – M Series – Parts 2, 3, 4 and 6

2002 (SG 8)

Mobile, radiodetermination, amateur and related satellite services

Recommendations ITU-R M.589-3, M.1084-4, M.1227-2, M.1371-1, M.1455-1, M.1457-1, M.1544, M.1545

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S: 92-61-09773-1

Article: E: 21100 F: 21101 S: 21102

pp.: 440 Price: 114 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – P Series – Part 1

2000 (SG 3)

Radiowave propagation

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ISBN: E: 92-61-08791-4 F: 92-61-08792-2
S: 92-61-08793-0

Article: E: 18952 F: 18953 S: 18954

pp.: 420 Price: 168 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – P Series – Part 2

2000 (SG 3)

Radiowave propagation

Separate editions in E, F, S

ISBN: E: 92-61-08801-5 F: 92-61-08802-3
S: 92-61-08803-1

Article: E: 18955 F: 18956 S: 18957

pp.: 548 Price: 200 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – P Series – Parts 1 and 2

2002 (SG 3)

Radiowave propagation

Recommendations ITU-R P.311-10, P.372-7, P.452-10, P.453-8, P.526-7, P.530-10, P.531-6, P.533-7, P.618-7, P.676-5, P.679-3, P.681-5, P.684-2, P.833-3, P.836-3, P.837-3, P.839-3, P.841-2, P.1057-1, P.1144-31, P.1238-2, P.1410-1, P.1411-3, P.1510, P.1511, P.1546

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S: 92-61-09813-4

Article: E: 21091 F: 21092 S: 21093

pp.: 564 Price: 134 CHF

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Electronic Bookshop

ITU-R Recommendations, Volume 2000 – RA Series

2000 (SG 7)

Radio astronomy

Separate editions in E, F, S

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S: 92-61-08873-2

Article: E: 18996 F: 18997 S: 18998

pp.: 68 Price: 47 CHF

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Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – RA Series

2002 (SG 7)

Radio astronomy

Recommendation ITU-R RA.1513

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Article: E: 21097 F: 21098 S: 21099

pp.: 20 Price: 14 CHF

Online

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3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

ITU-R Recommendations, Volume 2000 – S Series – Part 1

2000 (SG 4)

Fixed-satellite service

Separate editions in E, F, S

ISBN: E: 92-61-08811-2 F: 92-61-08812-0
S: 92-61-08813-9

Article: E: 18958 F: 18959 S: 18960
pp.: 488 Price: 200 CHF

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Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – S Series – Parts 1, 2 and 3

2002 (SG 1)

Fixed-satellite service

Recommendations ITU-R S.524-7, S.579-5,
S.673-1, S.1257-2, S.1325-2, S.1328-3,
S.1428-1, S.1512, S.1521, S.1522, S.1523,
S.1524, S.1525, S.1526, S.1527, S.1528,
S.1529

These ITU-R Recommendations are avail-
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S: 92-61-09803-7

Article: E: 21103 F: 21104 S: 21105
pp.: 392 Price: 94 CHF

Online

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ITU-R Recommendations, Volume 2000 – SM Series – Part 1

2000 (SG 1)

Spectrum management

Separate editions in E, F, S

ISBN: E: 92-61-08771-X F: 92-61-08772-8
S: 92-61-08773-6

Article: E: 18946 F: 18947 S: 18948
pp.: 344 Price: 136 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – SM Series – Part 2

2000 (SG 1)

Spectrum management

Separate editions in E, F, S

ISBN: E: 92-61-08781-7 F: 92-61-08782-5
S: 92-61-08783-3

Article: E: 18949 F: 18950 S: 18951
pp.: 424 Price: 168 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – S Series – Part 2

2000 (SG 4)

Fixed-satellite service

Separate editions in E, F, S

ISBN: E: 92-61-08821-X F: 92-61-08822-8
S: 92-61-08823-6

Article: E: 18961 F: 18962 S: 18963
pp.: 318 Price: 168 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – SA Series

2000 (SG 7)

Space applications and meteorology

Separate editions in E, F, S

ISBN: E: 92-61-08861-9 F: 92-61-08862-7
S: 92-61-08863-5

Article: E: 18974 F: 18975 S: 18976
pp.: 584 Price: 200 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Supplement 1 to Volume 2000 – SM Series – Parts 1 and 2

2002 (SG 1)

Spectrum management

Recommendations ITU-R SM.329-9,
SM.1047-1, SM.1132-2, SM.1265-1,
SM.1370-1, SM.1535, SM.1536, SM.1537,
SM.1538, SM.1539, SM.1540, SM.1541,
SM.1542

These ITU-R Recommendations are avail-
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Separate editions in E, F, S

ISBN: E: 92-61-09671-9 F: 92-61-09672-7
S: 92-61-09673-5

Article: E: 20930 F: 20931 S: 20932
pp.: 332 Price: 94 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – S Series – Part 3

2000 (SG 4)

Fixed-satellite service

Separate editions in E, F, S

ISBN: E: 92-61-08831-7 F: 92-61-08832-5
S: 92-61-08833-3

Article: E: 18964 F: 18966 S: 18967
pp.: 482 Price: 200 CHF

Online

Electronic Bookshop

ITU-R Recommendations, Volume 2000 – SF Series

2000 (SG 4-9)

Frequency sharing and coordination
between systems in the fixed-satellite
service and fixed service systems

Separate editions in E, F, S

ISBN: E: 92-61-08991-7 F: 92-61-08992-5
S: 92-61-08993-3

Article: E: 19032 F: 19033 S: 19034
pp.: 270 Price: 136 CHF

Online

Electronic Bookshop

Article: E: 20930 F: 20931 S: 20932
pp.: 332 Price: 94 CHF

Online

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**ITU-R Recommendations,
Volume 2000 – SNG Series**

2000 (SG 4)

Satellite news gathering

Separate editions in E, F, S

ISBN: E: 92-61-08841-4 F: 92-61-08842-2
S: 92-61-08843-0

Article: E: 18968 F: 18969 S: 18970
pp.: 52 Price: 42 CHF

Online
Electronic Bookshop

**ITU-R Recommendations,
Volume 2000 – TF Series**

2000 (SG 7)

Time signals and frequency standards emissions

Separate editions in E, F, S

ISBN: E: 92-61-08851-1 F: 92-61-08852-X
S: 92-61-08853-8

Article: E: 18971 F: 18972 S: 18973
pp.: 160 Price: 76 CHF

Online
Electronic Bookshop

**ITU-R Recommendations,
Supplement 1 to
Volume 2000 – TF Series**

2002 (SG 7)

Time signals and frequency standards emissions

Recommendations ITU-R TF.583-5, TF.767-2, TF.768-4

These ITU-R Recommendations are available individually from the ITU Electronic Bookshop.

Separate editions in E, F, S

ISBN: E: 92-61-09781-2 F: 92-61-09782-0
S: 92-61-09783-9

Article: E: 21094 F: 21095 S: 21096
pp.: 36 Price: 26 CHF

Online
Electronic Bookshop

**ITU-R Recommendations,
Volume 2000 – V Series**

2000 (SG CCV)

Vocabulary and related subjects

Separate editions in E, F, S

ISBN: E: 92-61-09081-8 F: 92-61-09082-6
S: 92-61-09083-4

Article: E: 18992 F: 18993 S: 18994
pp.: 174 Price: 76 CHF

Online
Electronic Bookshop

3.4 ITU-R REPORTS



**ITU-R Reports, 1995 –
BO Series**

1995

This publication contains five Reports dealing with the broadcasting-satellite service (sound and television):

Reports ITU-R BO.810-4; BO.812-4; BO.955-3; BO.1075-2; BO.1227-1

Separate editions in E, F, S, R

ISBN: E: 92-61-05721-7 F: 92-61-05722-5
S: 92-61-05723-3

Article: E: 5740 F: 5739 S: 5741
R: 11700

pp.: 286 Price: 67 CHF

**ITU-R Reports, 1995 –
BO Series**

1995

This publication contains three Reports dealing with the broadcasting-satellite service (sound and television):

Report ITU-R BO.2006; BO.2007; BO.2008

Separate editions in E, F, S, R

ISBN: E: 92-61-05801-9 F: 92-61-05802-7
S: 92-61-05803-5

Article: E: 5783 F: 5782 S: 5784
pp.: 45 Price: 20 CHF

**Report ITU-R BO.2016 –
BSS systems for the
40.5-42.5 GHz band**

1998

Separate editions in E, F, S

ISBN: E: 92-61-07701-3 F: 92-61-07702-1
S: 92-61-07703-X

Article: E: 14331 F: 14332 S: 14333
pp.: 14 Price: 8 CHF

Online
Electronic Bookshop

**ITU-R Report BO.1227-2 –
Satellite broadcasting systems
of integrated services digital
broadcasting**

**ITU-R Report BO.2007-1 –
Considerations for the
introduction of broadcasting
satellite service high
definition television systems**

**ITU-R Report BO.2008-1 –
Digital multiprogramme
broadcasting by satellite**

1999

Separate editions in E, F, S

ISBN: E: 92-61-08121-5 F: 92-61-08122-3
S: 92-61-08123-1

Article: E: 15862 F: 15863 S: 15864

pp.: 110 Price: 27 CHF

Online

Electronic Bookshop

Standards?

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the Lists of ITU-T and
ITU-R Recommendations



3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

Report ITU-R BO.2019 – Interference calculation methods

1999

Separate editions in E, F, S

ISBN: E: 92-61-08211-4 F: 92-61-08212-2
S: 92-61-08213-0

Article: E: 16204 F: 16205 S: 16206
pp.: 42 Price: 13 CHF

Online

Electronic Bookshop

Report ITU-R BO.2029 – Broadcasting-satellite service earth station antenna pattern measurements and related analyses

2002 edition

This Report describes the broadcasting-satellite service earth station antenna pattern measurements and related analyses. It includes one CD-ROM.

Separate editions in E, F, S

ISBN: E: 92-61-09881-9 F: 92-61-09882-7
S: 92-61-09883-5

Article: E: 21421 F: 21422 S: 21423
pp.: 66 Price: 46 CHF

Online

Electronic Bookshop

ITU-R Reports, 1995 – BS Series

1995

This Publication contains three Reports on the broadcasting service (sound):

Report ITU-R BS.1203-1: Digital sound broadcasting to vehicular, portable and fixed receivers using terrestrial transmitters in the UHF/VHF bands.

Report ITU-R BS.2001: Ancillary services for the visually impaired and hearing impaired in multi-channel sound systems.

Report ITU-R BS.2002: Introduction of satellite and complementary terrestrial digital sound broadcasting in the WARC-92 frequency allocations.

Separate editions in E, F, S

ISBN: E: 92-61-05741-1 F: 92-61-05742-X
S: 92-61-05743-X

Article: E: 5744 F: 5743 S: 5745
pp.: 148 Price: 39 CHF

ITU-R Reports, 1995 – BS Series

1995

This publication contains Report ITU-R BS.2004: Digital broadcasting systems intended for AM bands.

Separate editions in E, F, S

ISBN: E: 92-61-05811-6 F: 92-61-05812-4
S: 92-61-05813-2

Article: E: 5779 F: 5778 S: 5780
pp.: 10 Price: 11 CHF

ITU-R Reports, 1995 – BT Series

1995

This publication contains two Reports on the broadcasting service (television):

Report ITU-R BT.961-2; BT.2003

Separate editions in E, F, S

ISBN: E: 92-61-05731-4 F: 92-61-05732-2
S: 92-61-05733-0

Article: E: 5748 F: 5747 S: 5749
pp.: 60 Price: 21 CHF

ITU-R Reports, 1995 – BT Series

1995

This publication contains Report ITU-R BT.2005: Bit-rate reduction for digital TV signals.

Separate editions in E, F, S

ISBN: E: 92-61-05821-3 F: 92-61-05822-1
S: 92-61-05823-X

Article: E: 5787 F: 5786 S: 5788
pp.: 5 Price: 10 CHF

Report ITU-R BT.2017 – Stereoscopic Television MPEG-2 multi-view Profile

Report ITU-R BT.2018 – Study of the System C Ghost Cancelling Reference Signal for the Evaluation and Correction of Linear Distortion in the Television Chain

1999

Separate editions in E, F, S

ISBN: E: 92-61-08111-8 F: 92-61-08112-6
S: 92-61-08113-4

Article: E: 15859 F: 15860 S: 15861
pp.: 35 Price: 13 CHF

Online

Electronic Bookshop

Report ITU-R BT.2020-1 – Objective quality assessment technology in a digital environment

2000

Published on the ITU website only (<http://www.itu.int/bredh/publications/reports.html>)

Separate editions in E, F, S

ISBN: E: 92-61-08361-7 F: 92-61-08362-5
S: 92-61-08363-3

Article: E: 17274 F: 17275 S: 17276
pp.: 15 Price: 10 CHF

Online

Electronic Bookshop

Report ITU-R BT.2025 – Progress on development and implementation of interactivity broadcasting systems and services

2000

Published on the ITU website only (www.itu.int/publications/bookstore.html)

Separate editions in E, F, S

Article: E: 18423 F: 18423 S: 18423
pp.: 96 Price: 34 CHF

Online

Electronic Bookshop



ITU-R Reports, 1995 – M Series – Part 1

1995

This publication contains three Reports on the land mobile service excluding Future Public Land Mobile Telecommunication Systems (FPLMTS):

Report ITU-R M.358-5: Protection ratios and minimum field strengths required in the mobile services.

Report ITU-R M. 739-1: Interference due to intermodulation products in the land-mobile service between 25 and 1 000 MHz.

Report ITU-R M.742-4: Public Land Mobile Telephone Systems.

Separate editions in E, F, S

ISBN: E: 92-61-05861-2 F: 92-61-05862-0
S: 92-61-05863-9

Article: E: 6073 F: 6072 S: 6074
pp.: 56 Price: 20 CHF

ITU-R Reports, 1995 – M Series – Part 3

1995

This publication contains two Reports on the maritime mobile service and aeronautical mobile service:

Report ITU-R M.2009: Direct-dial telephone systems for the maritime mobile service.

Report ITU-R M.2010: Improved efficiency in the use of the band 156-174 MHz by stations in the maritime mobile service.

Separate editions in E, F, S

ISBN: E: 92-61-05871-X F: 91-62-05872-8
S: 92-61-05873-6

Article: E: 6077 F: 6076 S: 6078
pp.: 32 Price: 15 CHF

Report ITU-R M.2013 – Wind Profilers Radars

Report ITU-R M.2014 – Spectrum Efficient Digital Land Mobile Systems for Dispatch Traffic

1998

Separate editions in E, F, S, R

ISBN: E: 92-61-07601-7 F: 92-61-07602-5
S: 92-61-07603-3 R: 92-61-07604-1

Article: E: 13804 F: 13803 S: 13805
R: 18703
pp.: 84 Price: 30 CHF

Report ITU-R M.2010-1 – Improved Efficiency in the Use of the Band 156-174 MHz by Stations in the Maritime Mobile Service

1999

Separate editions in E, F, S, R

ISBN: E: 92-61-07901-6 F: 92-61-07902-6
S: 92-61-07903-2 R: 92-61-07904-0

Article: E: 14503 F: 14504 S: 14505
R: 18704

pp.: 34 Price: 14 CHF

Online

Electronic Bookshop

Report ITU-R M.2023 – Spectrum Requirements for International Mobile Telecommunications-2000 (IMT-2000)

Published on the ITU website only
([www.itu.int/publications/
bookstore.html](http://www.itu.int/publications/bookstore.html))

Separate editions in E, F, S

Article: E: 17543 F: 17543 S: 17543

pp.: 62 Price: 39 CHF

Online

Electronic Bookshop

Report ITU-R M.2024 – Summary of spectrum usage survey results

2000

Published on the ITU website only
([www.itu.int/publications/
bookstore.html](http://www.itu.int/publications/bookstore.html))

Separate editions in E, F, S

Article: E: 17544 F: 17544 S: 17544

pp.: 19 Price: 20 CHF

Online

Electronic Bookshop

Report ITU-R M.2026 – Adaptability of real zero single sideband technology to HF data communications

Edition 2001

Separate editions in E, F, S

ISBN: E: 92-61-09391-4 F: 92-61-09392-2
S: 92-61-09393-0

Article: E: 20037 F: 20038 S: 20039

pp.: 14 Price: 10 CHF

Online

Electronic Bookshop

Report ITU-R M.2027 – Engineering guidance for operators to upgrade shore based facilities to operate the global maritime distress and safety system in the A1, A2 and A3/A4 sea areas

Edition 2001

Separate editions in E, F, S

ISBN: E: 92-61-09401-5 F: 92-61-09402-3
S: 92-61-09403-1

Article: E: 20040 F: 20041 S: 20042

pp.: 56 Price: 22 CHF

Online

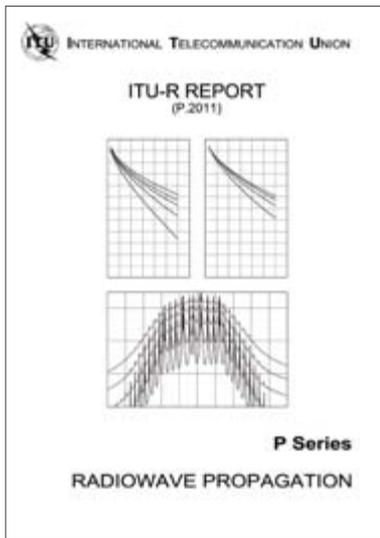
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(ITU Tower Building) –
Open from Monday
to Friday, 08:30
to 12:00 and
13:30 to 17:00



Report ITU-R P.2011-1 – Propagation at Frequencies above the Basic MUF

1999



Published on the ITU website only (www.itu.int/publications/bookstore.html)

Separate editions in E, F, S

Article: E: 16894 F: 16894 S: 16894
 pp.: 7 Price: 20 CHF
 Online
 Electronic Bookshop

ITU-R Report SM.2012-1 – Economic Aspects of Spectrum Management

2000

This Report describes various economic approaches for spectrum management activities.

Separate editions in E, F, S, A

ISBN: E: 92-61-08721-3 F: 92-61-08722-1
 S: 92-61-08723-X A: 92-61-08726-4
 Article: E: 18441 F: 18442 S: 18443
 A: 20658
 pp.: 96 Price: 38 CHF
 Online
 Electronic Bookshop

Report ITU-R SM.2015 – Methods for determining national long-term strategies for spectrum utilization

1998 Edition

Separate editions in E, F, S, R

ISBN: E: 92-61-07711-0 F: 92-61-07712-9
 S: 92-61-07713-7
 Article: E: 14335 F: 14336 S: 14337
 R: 17781
 pp.: 20 Price: 11 CHF
 Online
 Electronic Bookshop

Report ITU-R SM.2021 – Production and mitigation of intermodulation products in the transmitter

2000

Separate editions in E, F, S

ISBN: E: 92-61-08741-8 F: 92-61-08742-6
 S: 92-61-08743-4
 Article: E: 18537 F: 18538 S: 18539
 pp.: 36 Price: 18 CHF
 Online
 Electronic Bookshop

Report ITU-R SM.2022 – The effect on digital communications systems of interference from other modulation schemes

2000

Separate editions in E, F, S

ISBN: E: 92-61-08751-5 F: 92-61-08752-3
 S: 92-61-08753-1
 Article: E: 18540 F: 18541 S: 18542
 pp.: 46 Price: 18 CHF
 Online
 Electronic Bookshop



Report ITU-R SM.2028-1 – Monte Carlo simulation methodology for the use in sharing and compatibility studies between different radio services or systems

2002

This Report describes the Monte Carlo simulation methodology for the use in sharing and compatibility studies between different radio services or systems.

Separate editions in E, F, S

ISBN: E: 92-61-10201-8 F: 92-61-10202-6
 S: 92-61-10203-4
 Article: E: 22646 F: 22647 S: 22648
 pp.: 76 Price: 26 CHF
 Online
 Electronic Bookshop

Annex to Volume V: XVIIth Plenary Assembly of the CCIR

Düsseldorf, 1990

Propagation in non-ionized media

Separate editions in E, F, S, R

ISBN: E: 92-61-04211-2 F: 92-61-04212-0
 S: 92-61-04213-9
 Article: E: 5817 F: 5802 S: 5832
 Paper Price: 67 CHF

Annex to Volume VI: XVIIth Plenary Assembly of the CCIR

Düsseldorf, 1990

Propagation in ionized media

Separate editions in E, F, S, R

ISBN: E: 92-61-04221-X F: 92-61-04222-8
 S: 92-61-04223-6
 Article: E: 5818 F: 5803 S: 5833
 Paper Price: 41 CHF



**Annexes to Volume VIII:
XVIIth Plenary Assembly of
the CCIR**

Düsseldorf, 1990

Mobile, radiodetermination, amateur and related satellite services

Annex 1: Land mobile service – amateur service – amateur-satellite service

Annex 2: Maritime mobile service

Annex 3: Mobile-satellite services (aeronautical, land, maritime, mobile and radio-determination) – Aeronautical mobile service

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-04241-4 F: 92-61-04242-2
S: 92-61-04243-0

Article: E: 5820 F: 5805 S: 5835
R: 3240 A: 3577

Paper Price: 150 CHF

**Annex to Volume X – Part 1:
XVIIth Plenary Assembly of
the CCIR**

Düsseldorf, 1990

Broadcasting service (sound)

Separate editions in E, F, S, R, C

ISBN: E: 92-61-04261-9 F: 92-61-04262-7
S: 92-61-04263-5

Article: E: 5822 F: 5807 S: 5837
Paper Price: 23 CHF

**Annex to Volume X/XI –
Part 2: XVIIth Plenary
Assembly of the CCIR**

Düsseldorf, 1990

Broadcasting-satellite service (sound and television)

Separate editions in E, F, S, R, C

ISBN: E: 92-61-04271-6 F: 92-61-04272-4
S: 92-61-04273-2

Article: E: 5823 F: 5808 S: 5838

Paper Price: 57 CHF

**Annex to Volume X/XI –
Part 3: XVIIth Plenary
Assembly of the CCIR**

Düsseldorf, 1990

Sound and television recording

Separate editions in E, F, S, R

ISBN: E: 92-61-04281-3 F: 92-61-04282-1
S: 92-61-04283-X

Article: E: 5824 F: 5809 S: 5839

Paper Price: 19 CHF

**Annex to Volume XI – Part 1:
XVIIth Plenary Assembly of
the CCIR**

Düsseldorf, 1990

Broadcasting service (television)

Separate editions in E, F, S, R, C

ISBN: E: 92-61-04291-0 F: 92-61-04292-9
S: 92-61-04293-7

Article: E: 5825 F: 5810 S: 5840

Paper Price: 69 CHF

**Annex to Volume XII:
XVIIth Plenary Assembly
of the CCIR**

Düsseldorf, 1990

Television and sound transmission (CMTT)

Separate editions in E, F, S, R

ISBN: E: 92-61-04301-1 F: 92-61-04302-X
S: 92-61-04303-8

Article: E: 5826 F: 5811 S: 5841

Paper Price: 46 CHF

3.5 RESOLUTIONS AND OPINIONS

Resolutions RA-2000

Istanbul, 2000 – Free of charge

The Resolutions contained in this book are those in force as at the end of the Radio-

communication Assembly held from 1 to 5 May 2000 in Istanbul.

Published on the ITU website only (www.itu.int/publications/bookstore.html)

Separate editions in E, F, S

pp.: 120

Online

Electronic Bookshop

3.6 HANDBOOKS

**Compatibility between the
Broadcasting Service in the
Band of about 87-108 MHz
and the Aeronautical Services
in the Band 108-137 MHz**

1991

Separate editions in E, F, S

ISBN: E: 92-61-04381-X F: 92-61-04382-8
S: 92-61-04383-6

Article: E: 1914 F: 1913 S: 1915

Paper Price: 38 CHF

**Computer-aided Techniques
for Spectrum Management**

1999

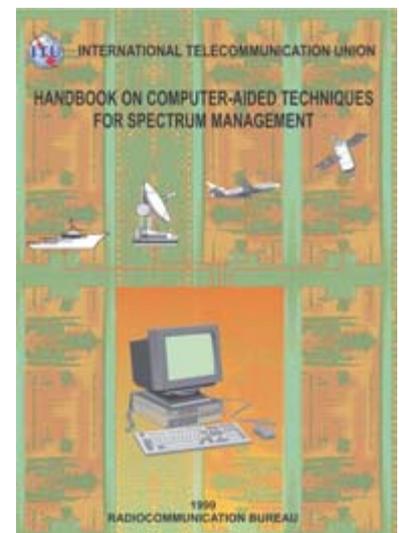
The Handbook describes the key elements of computer-aided techniques for spectrum management and the technical content is intended for use by the Member States, the Radiocommunication Sector Members and by the Radiocommunication Bureau. The Handbook will also be useful to radiocommunication engineers.

Separate editions in E, F, S, R

ISBN: E: 92-61-08021-9 F: 92-61-08022-7
S: 92-61-08023-5 R: 92-61-08024-3

Article: E: 15542 F: 15543 S: 15544
R: 17784

pp.: 204 Price: 46 CHF



Curves for Radiowave Propagation over the Surface of the Earth

1991

Separate edition in R.

Multilingual edition in E, F, S

ISBN: 92-61-04447-6

Article: 1917

Paper

Price: 51 CHF

Digital Radio-Relay Systems

1996

This Handbook represents a comprehensive summary of basic principles, design parameters and current practices for the design and engineering of digital radio-relay systems.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-06281-4 F: 92-61-06282-2
S: 92-61-06283-0 R: 92-61-06284-9

Article: E: 7019 F: 7020 S: 7021
R: 11853 A: 12981

pp.: 400

Price: 50 CHF

Digital Television Signals: Coding and Interfacing within Studios

1995

This Handbook gives a summary of the background to what has been agreed so far in ITU-R, based largely on work already reported within Reports but also including references to published material outside of ITU.

Separate editions in E, F, S, A

ISBN: E: 92-61-05581-8 F: 92-61-05582-6
S: 92-61-05583-4

Article: E: 5733 F: 5732 S: 5734

pp.: 100

Price: 60 CHF

DSB Handbook

Terrestrial and satellite digital sound broadcasting to vehicular, portable and fixed receivers in the VHF/UHF bands

2002



This Handbook describes the system and service requirements for digital sound broadcasting (DSB) to vehicular, portable and fixed receivers, the related propagation factors, the techniques employed in the digital sound broadcasting systems, and considers relevant planning parameters and sharing conditions.

Separate editions in E, F, S

ISBN: E: 92-61-09961-0 F: 92-61-09962-9
S: 92-61-09963-7

Article: E: 21444 F: 21445 S: 21446

pp.: 854

Price: 250 CHF

Electronic Bookshop

DSB Handbook

Terrestrial and satellite digital sound broadcasting to vehicular, portable and fixed receivers in the VHF/UHF bands

2002



The texts are available in Adobe Acrobat PDF format.

Separate editions in E, F, S

ISBN: E: 92-61-09921-1 F: 92-61-09922-X
S: 92-61-09923-8

Article: E: 21395

CD-ROM

Price: 250 CHF

DTTB Handbook

Digital terrestrial television broadcasting in the VHF/UHF bands

Edition 2002

This Handbook provides guidance to engineers responsible for the implementation of digital terrestrial television broadcasting and combines material dealing with digital and analogue television systems and planning aspects of this new topic.

Separate editions in E, F, S

ISBN: E: 92-61-09911-4 F: 92-61-09912-2
S: 92-61-09913-0

Article: E: 21453 F: 21454 S: 21455

pp.: 274

Price: 100 CHF

Electronic Bookshop

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[www.itu.int/
publications](http://www.itu.int/publications)



DTTB Handbook
Digital terrestrial television
broadcasting in the VHF/UHF
bands

Edition 2002



The texts are available in Adobe Acrobat PDF format.

Edition in E

ISBN: E: 92-61-09901-7

Article: E: 21370

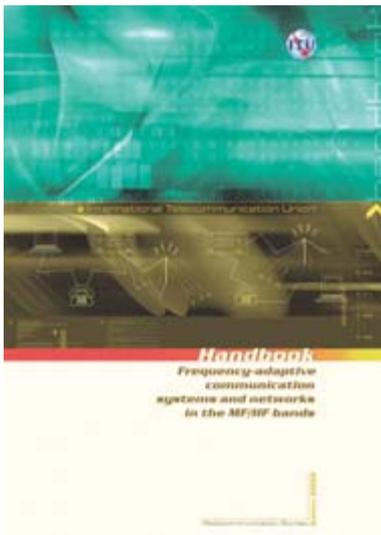
CD-ROM

Price: 100 CHF



Frequency-adaptive
communication systems and
networks in the MF/HF bands

Edition 2002



This Handbook is published to assist planners and decision-makers in the deployment of adaptive MF/HF systems in the fixed service, for both commercial and government users in developed and particularly developing countries. It provides material on current present technological

capabilities in the field of adaptive MF/HF communications.

Separate editions in E, F, S

ISBN: E: 92-61-10141-0 F: 92-61-10142-9
 S: 92-61-10143-7

Article: E: 22296 F: 22297 S: 22298

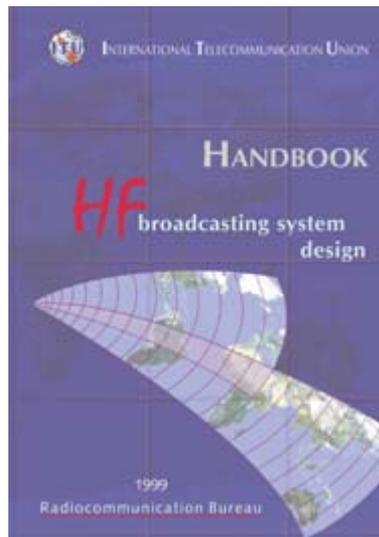
pp.: 64

Price: 32 CHF

Electronic Bookshop

HF Broadcasting System
Design

1999



This Handbook provides practical and illustrative guidance (even to radio engineers not having been previously exposed to the specific task of HF broadcasting service planning). Considerable effort has been made to meet the expectations of HF broadcasting engineers from the developing world. This publication includes relevant texts from existing ITU-R Recommendations as well as advanced material.

Separate editions in E, F, S

ISBN: E: 92-61-06651-8 F: 92-61-06652-6
 S: 92-61-06653-4

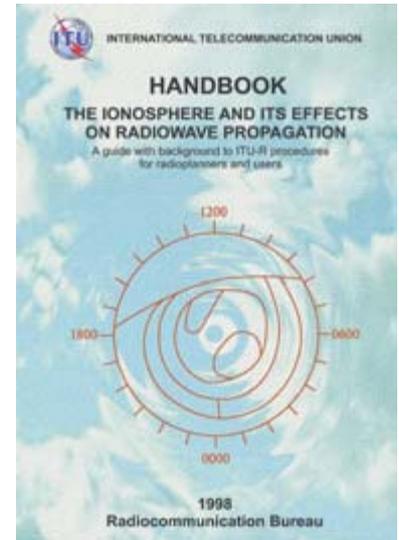
Article: E: 11251 F: 11252 S: 11253

pp.: 100

Price: 28 CHF

Ionosphere and its Effects on
Terrestrial and Earth-to-Space
Radiowave Propagation from
VLF to SHF

1997



This Handbook supplements information on radiowave propagation in and through the ionosphere which is addressed in related Recommendations contained in the P Series of ITU-R Recommendations. In this respect, the Handbook is intended to help the user in the application of these Recommendations in the design and operation of radiocommunication systems using, or influenced by, the ionosphere.

Separate editions in E, F, S, R

ISBN: E: 92-61-06671-2 F: 92-61-06672-0
 S: 92-61-06673-9

Article: E: 11106 F: 11107 S: 11108
 R: 14111

pp.: 156

Price: 36 CHF

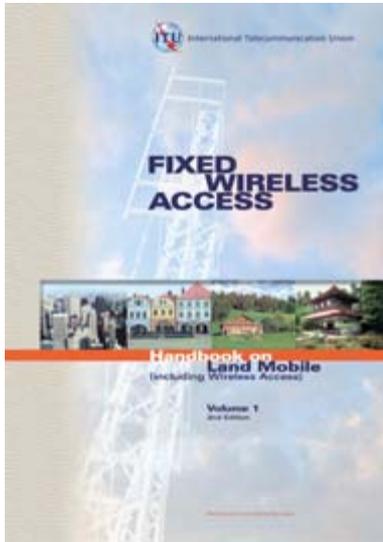
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ITU TELECOM WORLD 2003,
Geneva-Palexpo,
Switzerland,
12-18 October 2003



3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

Land Mobile (including Wireless Access) Volume 1: Fixed Wireless Access

2nd edition, 2001



The purpose of this Handbook is to assist in the decision making process involving planning, engineering and deployment of wireless access based land mobile systems, especially in the developing countries. It should also provide adequate information that will assist in training engineers and planners in regulating, planning, engineering, and deployment aspects of these systems.

Separate editions in E, F, S

ISBN: E: 92-61-09321-3 F: 92-61-09322-1
S: 92-61-09323-X

Article: E: 19474 F: 19475 S: 19476
pp.: 196 Price: 35 CHF
Electronic Bookshop

Land Mobile (including Wireless Access) Volume 2: Principles and Approaches on Evolution to IMT-2000/FPLMTS

1997

This Volume of the Handbook provides an overview of principles and approaches to be considered in the evolution of existing and emerging systems towards IMT-2000. IMT-2000 are third generation mobile systems which are scheduled to start service around the year 2000, subject to market considerations.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-06581-3 F: 92-61-06582-1
S: 92-61-06583-X R: 92-61-06584-8

Article: E: 11067 F: 11185 S: 11186
R: 13856 C: 15942 A: 12799

pp.: 46 Price: 16 CHF

LF/MF system design

2001



This publication contains all the necessary information to carry out the planning and design of LF and MF broadcasting stations. Wide reference is made to relevant ITU-R Recommendations and ITU Frequency Plans. The Handbook is mainly addressed to engineers in developing countries to guide them in selecting the best approach to the problem.

Edition in E

ISBN: E: 92-61-08767-1

Article: E: 18604

CD-ROM Price: 50 CHF

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www.itu.int/publications



Mobile-satellite service (MSS)

Edition 2002



This Handbook provides a brief survey and introduction to the field of Mobile-satellite service (MSS).

Separate editions in E, F, S

ISBN: E: 92-61-09951-3 F: 92-61-09952-1
S: 92-61-09953-X

Article: E: 21450 F: 21451 S: 21452
pp.: 166 Price: 57 CHF
Electronic Bookshop



Mobile-satellite service (MSS)

Edition 2002



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-10047-3

Article: 21559

CD-ROM Price: 57 CHF

National Spectrum Management

1995

This Handbook describes the key elements of spectrum management, spectrum management fundamentals, spectrum planning, spectrum engineering, frequency authorization, spectrum use, spectrum control and automation of spectrum management activities. English and French: Out of print.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-05881-7 F: 92-61-05882-5
S: 91-62-05883-3

Article: E: 6064 F: 6063 S: 6065
R: 11910

pp.: 160 Price: 33 CHF

Radio Astronomy

1995

The first edition of this Handbook has been developed by experts of Working Party 7D of Study Group 7 (Science services) that is responsible for radio astronomy, the search for extra-terrestrial intelligence (SETI), and radar astronomy. It is not intended as a source on radio astronomy, but rather deals with those aspects of radio astronomy that are relevant to frequency coordination, that is, the management of radio spectrum usage in order to minimize interference between radiocommunication services.

Separate editions in E, F, S, A

ISBN: E: 92-61-05711-X F: 92-61-05712-8
S: 92-61-05713-6

Article: E: 5737 F: 5736 S: 5738
A: 9599

pp.: 72 Price: 19 CHF

Radiometeorology

1996

This Handbook provides general information on radiometeorology and covers the following topics: physical characteristics of the atmosphere, atmospheric refraction, particle scattering, atmospheric gaseous attenuation and dispersion, hydrometeor attenuation, radio emissivity, cross-polarization and anisotropy and statistical aspects of atmospheric processes.

Separate editions in E, F, S, R

ISBN: E: 92-61-06241-5 F: 92-61-06242-3
S: 92-61-06243-1

Article: E: 7023 F: 7024 S: 7025
pp.: 200 Price: 47 CHF

Radiowave Propagation Information for Predictions for Earth-to-Space Path Communications

1996

This Handbook provides information on radiowave propagation to assist in the design of Earth-to-space communication systems.

Separate editions in E, F, S, R, A

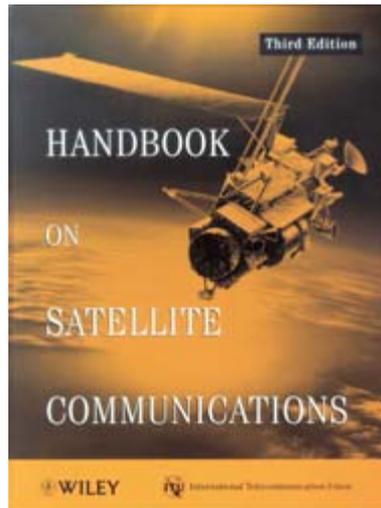
ISBN: E: 92-61-06361-6 F: 92-61-06362-4
S: 92-61-06363-2

Article: E: 7320 F: 7321 S: 7322
R: 11698 A: 13564

pp.: 150 Price: 35 CHF

Satellite Communications (FSS)

3rd edition, 2002



This Handbook gives a comprehensive description of all issues relative to satellite communication systems operating in the fixed-satellite service (FSS).

Separate editions in E, F, S

ISBN: E: 92-61-09981-5 F: 92-61-09982-3
S: 92-61-09983-1

Article: E: 21432 F: 21431 S: 21433
pp.: 1100 Price: 210 CHF

Supplement No. 1 to Handbook on Satellite Communications: Fixed-Satellite Service

1991

This Handbook has been prepared by the Handbook Group of Radiocommunication Study Group 4 as a supplement to the "Handbook on Satellite Communications (FSS)".

Note – The term VSAT (very small aperture terminal) is used to designate very small economical satellite earth stations which are directly connected to the users.

Edition in E

Article: E: 2278 F: 2278 S: 2278
pp.: 28 Price: 8 CHF

Supplement No. 2 to Handbook on Satellite Communications: Computer Programs for Satellite Communications

1993

Please refer to the Catalogue of Software for Radio Spectrum Management.

Separate editions in E, F, S, R

Article: E: 3262 F: 3261 S: 3263
Paper Price: 8 CHF

Supplement No. 3 to Handbook on Satellite Communications: VSAT Systems and Earth Stations

1995

This Handbook has been prepared by the Handbook Group of Radiocommunication Study Group 4 as a supplement to the "Handbook on Satellite Communications (FSS)".

Note – The term VSAT (very small aperture terminal) is used to designate very small economical satellite earth stations which are directly connected to the users.

Separate editions in E, F, S, R, C, A

Article: E: 5503 F: 5502 S: 5504
R: 11104 A: 10362
pp.: 240 Price: 50 CHF



3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

Selection and Use of Precise Frequency and Time Systems

1997

This Handbook consists of ten Chapters which describe basic concepts, frequency and time sources, measurement techniques, characteristics of various frequency standards, operational experience, problems and future prospects. The contents include detailed explanations and many references that can be consulted for additional details.

Separate editions in E, F, S, R, A

ISBN: E: 92-61-06511-2 F: 92-61-06512-0
S: 92-61-06513-9

Article: E: 10504 F: 10503 S: 10505
R: 14457 A: 15469

pp.: 230 Price: 50 CHF



Space Research Communications

Edition 2002



This Handbook is concerned principally with those reports of space research service that are relevant to the management of radio spectrum usage in order to minimize interference between radiocommunication services.

Separate editions in E, F, S

ISBN: E: 92-61-09941-6 F: 92-61-09942-4
S: 92-61-09943-2

Article: E: 21456 F: 21457 S: 21458

pp.: 44 Price: 24 CHF

Electronic Bookshop



Space Research Communications

2002



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-10037-6

Article: 21560

CD-ROM Price: 24 CHF



Spectrum Monitoring

2002



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-10117-8

Article: 22087

CD-ROM Price: 50 CHF

Spectrum Monitoring

Edition, 2002



The Handbook on Spectrum Monitoring contains the latest information on all aspects of monitoring and represents a valuable reference manual for the spectrum management community.

Separate editions in E, F, S

ISBN: E: 92-61-10101-1 F: 92-61-10102-X
S: 92-61-10103-8

Article: E: 22084 F: 22085 S: 22086

pp.: 610 Price: 50 CHF

Electronic Bookshop



Spectrum Monitoring

2002



The texts are available in Adobe Acrobat PDF format.

English version only.

Edition in E

ISBN: E: 92-61-10151-8

Article: E: 22310

CD-ROM Price: 50 CHF

Subjective Assessment Methodology in Television

1996

Part 1 describes the general methods of performing subjective assessments.

Part 2 considers the application of specific elements. Three particular applications are given: digital coding systems, high-definition television and alpha-numeric and graphic systems evaluation.

Separate editions in E, F, S, R, A

ISBN: E: 92-61-05571-0 F: 92-51-05572-9
S: 92-61-05573-7

Article: E: 5729 F: 5727 S: 5730
R: 10897 A: 10712

pp.: 100 Price: 60 CHF

Technical Specifications of ITU-R Teletext Systems

1999

Teletext systems provide the means to supplement an analogue television broadcast with digitally coded data signals carried in the vertical interval. The data signals can be displayed on the viewers receiver as printed text or diagrams, or possibly more elaborate multimedia. This Handbook currently in use worldwide as defined in ITU-R Recommendations. They are described in four Sections in a similar way, so that readers can understand the differences and similarities.

Separate editions in E, F, S

ISBN: E: 92-61-06641-0 F: 92-61-06642-9
S: 92-61-06643-7

Article: E: 11233 F: 11234 S: 11235
pp.: 464 Price: 60 CHF

Terrestrial land mobile radiowave propagation in the VHF/UHF bands

Edition 2002



This ITU-R Handbook gives the technical basis for predicting the radio propagation in point-to-point, point-to-area, and point-to-multipoint mobile networks.

Separate editions in E, F, S

ISBN: E: 92-61-09971-8 F: 92-61-09972-6
S: 92-61-09973-4

Article: E: 21447 F: 21448 S: 21449
pp.: 122 Price: 57 CHF

Electronic Bookshop



Terrestrial land mobile radiowave propagation in the VHF/UHF bands



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-10057-0

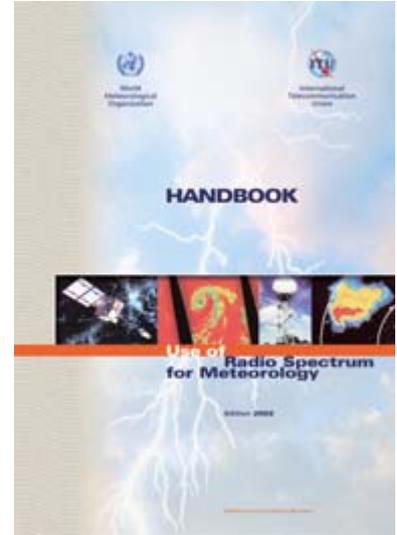
Article: 21558

CD-ROM

Price: 57 CHF

Use of Radio Spectrum for Meteorology

Edition 2002



This Handbook provides comprehensive technical information on the use of radio frequencies by meteorological systems, including meteorological satellites, radio-sondes, weather radars, wind profiler radars, spaceborne remote sensing, etc.

Separate editions in E, F, S

ISBN: E: 92-61-10011-2 F: 92-61-10012-0
S: 92-61-10013-9

Article: E: 21591 F: 21592 S: 21593
pp.: 116 Price: 50 CHF

Electronic Bookshop

Use of Radio Spectrum for Meteorology

Edition 2002



The texts are available in Adobe Acrobat PDF format.

Multilingual edition in E, F, S

ISBN: 92-61-10027-9

Article: 21594

CD-ROM

Price: 50 CHF

This Catalogue is published in English, French and Spanish. For the most up-to-date version, please see www.itu.int/publications

3.7 SOFTWARE APPLICATIONS

Catalogue of Software for Radio Spectrum Management

1997

This online catalogue contains a detailed description of available computer programs to support Member States' national and international frequency management activities. The programs are submitted by participants in the work of the Radiocommunication Study Groups or by the Radiocommunication Bureau. The catalogue may be accessed, free of charge, on the ITU website at http://www7.itu.int/br_soft/index.html. The software listed in the catalogue can now be purchased directly from the ITU Electronic Bookshop on the ITU website.

No longer available on paper.

Separate editions in E, F, S

Online



Determination of the coordination area around an earth station in the frequency bands between 100 MHz and 105 GHz

2000

Software to determine the coordination area around an earth station according to Recommendation ITU-R SM.1448 identical to Radio Regulations Appendix S7 (WRC-2000).

Multilingual edition in E, F, S

ISBN: 92-61-08731-0

Article: 18424

Electronic Bookshop Price: 105 CHF

ITU Digitized World Map (IDWM) and Subroutine Library (32-bit)

6th edition, November 2001



This CD-ROM, produced by the Radiocommunication Bureau, contains a database of coastlines, borders and geographical data related to the Radio Regulations and certain Regional Agreements, as well as a Subroutine Library (32-bit).

Multilingual edition in E, F, S

ISBN: 92-61-09617-4

Article: 20731

CD-ROM

Price: 400 CHF

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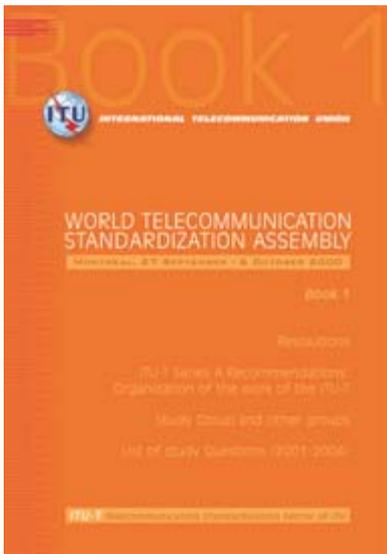
For more information, please contact us via e-mail: library@itu.int

<http://www.itu.int/library/index.html>

4.1 REGULATIONS, RESOLUTIONS AND CONFERENCE PUBLICATIONS

World Telecommunication Standardization Assembly (WTSA) – (The Orange Book): Book 1

Montreal, 2000



Book 1 contains Resolutions (Rules of Procedure of ITU-T; Study Group responsibility and mandates; publication of ITU-T Recommendations and WTSA proceedings, etc.), ITU-T Series A Recommendations (Organization of the work of the ITU-T), Study Groups and other groups, and the list of questions for the Study Period 2001-2004 as approved by WTSA-2000.

Separate editions in E, F, S

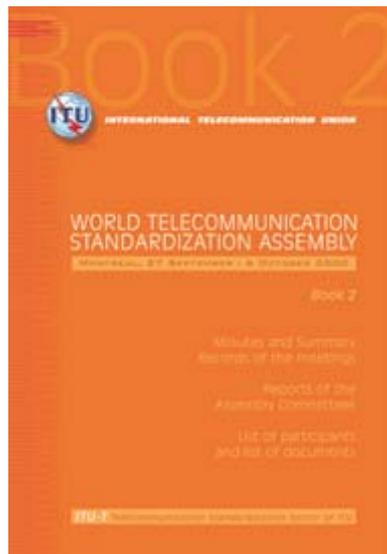
ISBN: E: 92-61-09331-0 F: 92-61-09332-9
S: 92-61-09333-7

Article: E: 19674 F: 19676 S: 19678
pp.: 160 Price: 55 CHF

Electronic Bookshop

World Telecommunication Standardization Assembly (WTSA) – (The Orange Book): Book 2

Montreal, 2000



Book 2 contains the minutes and summary records of the meetings, the reports of the Conference Committees, the list of participants and the list of documents.

Separate editions in E, F, S

ISBN: E: 92-61-09341-8 F: 92-61-09342-6
S: 92-61-09343-4

Article: E: 19675 F: 19677 S: 19679

pp.: 310 Price: 124 CHF

Electronic Bookshop

Final Acts of the World Administrative Telegraph and Telephone Conference (WATTC-88)

Melbourne, 1988



Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-03921-9 F: 92-61-03922-7
S: 92-61-03923-5 R: 92-61-03924-3
C: 92-61-03925-1 A: 92-61-03926-X

Article: E: 1561 F: 1562 S: 1563
R: 1564 C: 1565 A: 1566

Paper

Price: 27 CHF

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4. PUBLICATIONS OF THE ITU-T SECTOR (STANDARDIZATION)

4.2 MATERIAL PUBLISHED IN COMPLEMENT TO AND IN ACCORDANCE WITH ITU-T RECOMMENDATIONS OR THE RESOLUTIONS OF THE INTERNATIONAL TELECOMMUNICATION REGULATIONS (ITR)



ITU Operational Bulletin (2003) (printed versions, electronic version and on-line service)

2003 – Yearly subscription

The ITU Operational Bulletin is a fortnightly service publication, prepared under the responsibility of the Telecommunication Standardization Bureau (TSB). Published on the 1st and 15th of each

month, it contains the administrative and operational information exchanged between administrations/ recognized operating agencies (ROAs) and other service providers, entities and organizations, in respect of the international telecommunication services made available to users, including information relating to the maritime mobile service. Various lists containing the codes, numbers or indicators allocated to countries and operators to meet the operational needs of international telecommunication services are published in annex to the Operational Bulletin.

The lists can be consulted online by the subscribers: (www.itu.int/itu-t/bulletin/index.html) in the ITU document database, under the heading "Operational Bulletin and Lists annexed".

Electronic Bookshop: Catalogue price is applicable for any single issue for a minimum of CHF 20.– (No discount)

Separate editions in E, F, S

Paper Price: 385 CHF

Online

Electronic Bookshop

Lists annexed to the ITU Operational Bulletin

<i>OB. No.</i>	<i>Subject</i>	<i>ITU-T Rec./ ITR/RR</i>	<i>Price CHF</i>
707	List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 January 2000)	Q.708	20.–
711	List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 1 March 2000)	Q.708	20.–
714	List of ITU Carrier Codes (According to ITU-T Recommendation M.1400) (02/2000) (Position on 15 April 2000) and List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121) Position 15 April 2000	M.1400, X.121	20.–
717	List of ITU-T Recommendation E.164 assigned country codes (Position on 1 June 2000)	E.164	20.–
719	Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (05/97)) (Position on 1 July 2000)	E.164	20.–
720	List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121) (Position on 15 July 2000)	X.121	20.–
725	List of names of administration management domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 30 September 2000)	F.400, X.400	20.–
727	List of issuer identifier numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 November 2000)	E.118	20.–
735	List of international signalling point codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 March 2001)	Q.708	20.–
737	List of signalling area/network codes (SANC) (Position on 1 April 2001)	—	20.–
739	List of ITU carrier codes (According to ITU-T Recommendation M.1400 (02/2000))	M.1400	20.–

Lists annexed to the ITU Operational Bulletin (continued)

<i>OB. No.</i>	<i>Subject</i>	<i>ITU-T Rec./ ITR/RR</i>	<i>Price CHF</i>
741	List of mobile country or geographical area codes (Position on 1 June 2001)	—	20.–
746	Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (05/97)) (Position on 15 August 2001) List of data network identification codes (DNIC) (According to ITU-T Recommendation X.121 (10/00)) (Position on 15 August 2001)	E.164, X.121	20.–
757	List of issuer identifier numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 February 2002)	E.118	20.–
759	Dialling procedures (international prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (05/97)) (Position on 1 March 2002)	E.164	20.–
761	List of international signalling point codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 April 2002)	Q.708	20.–
763	List of ITU-T Recommendation E.164 assigned country codes (Position on 1 May 2002)	E.164	20.–
764	List of telegram destination indicators (In accordance with ITU-T Recommendation F.32) (Position on 15 May 2002)	F.32	20.–
765	Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164) (Position on 1 June 2002)	E.164	20.–
766	List of country or geographical area codes for non-standard facilities in telematic services (Position on 15 June 2002)	—	20.–
767	ITU-T: List of signalling area/network codes (SANC) (Position on 1 July 2002) BR: Status of radiocommunications between amateur stations of different countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and form of call signs assigned by each administration to its amateur and experimental stations (Position on 1 July 2002)	RR25.1	20.–
777	List of data network identification codes (DNIC) (According to ITU-T Recommendation X.121) (Position on 1 December 2002)	X.121	20.–
781	Various tones used in national networks (According to ITU-T Recommendation E.180)(03/1998) (Position on 1 February 2003)	E.180	20.–
783	List of mobile country or geographical area codes (Position on 1 March 2003)	—	20.–
<p><i>For information, all lists will be updated by numbered series of amendments published in the ITU Operational Bulletin, and will be reissued as necessary.</i></p> <p><i>Furthermore, the lists can be consulted online by the subscribers at www.itu.int/itu-t/bulletin/index.html in the ITU document database, under the heading "Operational Bulletin and Lists annexed".</i></p>			

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4. PUBLICATIONS OF THE ITU-T SECTOR (STANDARDIZATION)

Bureaufax Table

4th edition – December 1994

This publication is an official service document published by the International Telecommunication Union in close collaboration with the International Bureau of the Universal Postal Union (UPU). The fourth edition of the Bureaufax Table takes account of the relevant provisions of ITU-T Recommendation F.170 (08/92). It contains address and contact numbers of the body responsible for managing the

Bureaufax service; list of the countries/geographical areas with which the Bureaufax service is open; delivery modes; list of bureaux handling the international public facsimile service between public bureaux (Bureaufax); list of bureaux handling the national public facsimile service between public bureaux (Bureaufax) and notes.

Multilingual edition in E, F, S

ISBN: 92-71-03052-4

Article: 5320

pp.: 200

Price: 35 CHF

Table of Telegram Rates

Edition of 1992

Multilingual edition in E, F, S

ISBN: 92-71-03045-1

Article: 2573

Paper

Price: 16 CHF

4.3 ITU-T RECOMMENDATIONS

The ITU-T Recommendations developed by the Telecommunication Standardization Sector (formerly CCITT) constitute the basis for international telecommunication standards. These are the final results of studies on technical, operating and tariff issues with the objective of standardizing telecommunications on a worldwide basis, including interconnection of radio systems in public telecommunication networks and on the performance required for these interconnections. They represent an exceptional reference library of more than 2,500 Recommendations and 60,000 pages.

ITU-T Recommendations are made available individually throughout the four-year study cycle, as soon as they are prepared in ITU-T Study Groups and approved by ITU-T Members. The announcement of each new or revised ITU-T Recommendation is made through the *ITU News* magazine, the Notifications, and the List of ITU-T Recommendations. There exist three complementary formats of the ITU-T Recommendations available for sale: the paper version, individually downloadable electronic format and the CD-ROM.

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A	Organization of the work of ITU-T	M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
B	Means of expression: definitions, symbols, classification	N	Maintenance: international sound programme and television transmission circuits
C	General telecommunication statistics	O	Specifications of measuring equipment
D	General tariff principles	P	Telephone transmission quality, telephone installations, local line networks
E	Overall network operation, telephone service, service operation and human factors	Q	Switching and signalling
F	Non-telephone telecommunication services	R	Telegraph transmission
G	Transmission systems and media, digital systems and networks	S	Telegraph services terminal equipment
H	Audiovisual and multimedia systems	T	Terminals for telematic services
I	Integrated services digital network	U	Telegraph switching
J	Cable networks and transmission of television, sound programme and other multimedia signals	V	Data communication over the telephone network
K	Protection against interference	X	Data networks and open system communications
L	Construction, installation and protection of cables and other elements of outside plant	Y	Global information infrastructure and Internet protocol aspects
		Z	Languages and general software aspects for telecommunication systems



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and serve to standardize telecommunications on a world-wide basis. The ITU-T Recommendations on CD-ROM make it possible to keep in touch with the fast-moving and complex world of telecommunication standards. They are an essential reference for public and private telecommunication operating agencies, manufacturers, government agencies, scientific, industrial and international organizations, consultants, technical colleges and universities, etc.

Separate editions in E, F, S

ISBN: E: 92-61-10291-3 F: 92-61-10292-1
S: 92-61-10293-X

**Article: E: 21424 F: 21425 S: 21426
CD-ROM Price: 1000 CHF**

basis for international telecommunication standards. They are based on studies of technical, operating and tariff questions and serve to standardize telecommunications on a world-wide basis. The ITU-T Recommendations on CD-ROM make it possible to keep in touch with the fast-moving and complex world of telecommunication standards. They are an essential reference for public and private telecommunication operating agencies, manufacturers, government agencies, scientific, industrial and international organizations, consultants, technical colleges and universities, etc.

Separate editions in E, F, S

ISBN: E: 92-61-10311-1 F: 92-61-10312-X
S: 92-61-10313-8

**Article: E: 22485 F: 22486 S: 22487
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Separate editions in E, F, S

**Article: E: 22526 F: 22527 S: 22528
CD-ROM Price: 2800 CHF**



ITU-T Recommendations on CD-ROM

Single edition – March 2003

ITU-T Recommendations developed by the ITU Telecommunication Standardization Sector (formerly CCITT) constitute the basis for international telecommunication standards. They are based on studies of technical, operating and tariff questions



ITU-T Recommendations on CD-ROM

Single edition – June 2003

ITU-T Recommendations developed by the ITU Telecommunication Standardization Sector (formerly CCITT) constitute the basis for international telecommunication standards. They are based on studies of technical, operating and tariff questions and serve to standardize telecommunications on a world-wide basis. The ITU-T Recommendations on CD-ROM make it possible to keep in touch with the fast-moving and complex world of telecommunication standards. They are an essential reference for public and private telecommunication operating agencies, manufacturers, government agencies, scientific, industrial and international organizations, consultants, technical colleges and universities, etc.

Separate editions in E, F, S

ISBN: E: 92-61-10301-4 F: 92-61-10302-2
S: 92-61-10303-0

**Article: E: 21803 F: 21804 S: 21805
CD-ROM Price: 1000 CHF**



ITU-T Recommendations on CD-ROM

Single edition – December 2003

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Separate editions in E, F, S

ISBN: E: 92-61-10321-9 F: 92-61-10322-7
S: 92-61-10323-5

**Article: E: 22523 F: 22524 S: 22525
CD-ROM Price: 1000 CHF**



ITU-T Recommendations on CD-ROM

Single edition – September 2003

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Separate editions in E, F, S

Electronic Bookshop

4.4 HANDBOOKS

OPERATION

Instructions for the International Telephone Service

1993

These instructions include Recommendation ITU-T E.141.

Separate editions in E, F, S, R, C, A

ISBN: E: 92-61-04821-8 F: 92-61-04822-6
S: 92-61-04823-4

Article: E: 3382 F: 3381 S: 3383
A: 5961

Paper Price: 23 CHF

Handbook on Quality of Service and Network Performance

1993

Separate editions in E, F, S, A

ISBN: E: 92-61-04741-6 F: 92-61-04742-4
S: 92-61-04743-2

Article: E: 2977 F: 2976 S: 2978
Paper Price: 37 CHF

IMPLEMENTATION GUIDELINES

Guidelines for Preparing and Conducting Field Trials of Digital Switching Equipments

1987

Separate editions in E, F, S

ISBN: E: 92-61-02951-5 F: 92-61-02952-3
S: 92-61-02953-1

Article: E: 1116 F: 1117 S: 1118
Paper Price: 20 CHF

NETWORK PLANNING

Optical Fibre System Planning Guide

1989

Separate editions in E, F, S

ISBN: E: 92-61-03151-X F: 92-61-03152-8
S: 92-61-03153-6

Article: E: 1277 F: 1278 S: 1279
Paper Price: 140 CHF

Handbook on Transmission Planning

1993

Separate editions in E, F, S, A

ISBN: E: 92-61-04781-5 F: 92-61-04782-3
S: 92-61-04783-1

Article: E: 3214 F: 3213 S: 3215
Paper Price: 28 CHF

ISDN Field Trial Guidelines

1991

Separate editions in E, F, S

ISBN: E: 92-61-04461-1 F: 92-61-04462-X
S: 92-61-04463-8

Article: E: 2067 F: 2066 S: 2068
Paper Price: 38 CHF

**The International Telecommunication Union
is the leading publisher of international
telecommunication standards, policy analysis and
statistics**



Guidelines for Implementing a Signalling System No. 7 Network

1991

Separate editions in E, F, S

ISBN: F: 92-61-04392-5 S: 92-61-04393-3

Article: E: 1910 F: 1909 S: 1911
 Paper Price: 37 CHF

Introduction of New Technology in Local Network

1993

Edition in E

ISBN: E: 92-61-04811-0

Article: E: 3343
 Paper Price: 58 CHF

the calamity, but are felt throughout the population due to the effects of the service breakdown and the consequent loss of earnings from the service provider point of view. Moreover, the amount of information and services available to the customers is so high, nowadays, that equipment, buildings, infrastructures and installations need to be protected from damage due to calamities, including fire. This handbook is specific to the prevention of damage and the protection of telecommunication buildings from fire.

Separate editions in E, F, S

ISBN: E: 92-61-09311-6 F: 92-61-09312-4
 S: 92-61-09313-2

Article: E: 19255 F: 19256 S: 19257
 pp.: 44 Price: 28 CHF
 Electronic Bookshop

water environment and designed for specific repeaterless applications.

Separate editions in E, F, S

ISBN: E: 92-61-09451-1 F: 92-61-09452-X
 S: 92-61-09453-8

Article: E: 20502 F: 20503 S: 20504
 pp.: 68 Price: 34 CHF
 Electronic Bookshop

Handbook on Outside Plant Technologies for Public Networks

1992

Separate editions in E, F, S

ISBN: E: 92-61-04481-6 F: 92-61-04482-4
 S: 92-61-04483-2

Article: E: 2075 F: 2074 S: 2076
 Paper Price: 122 CHF



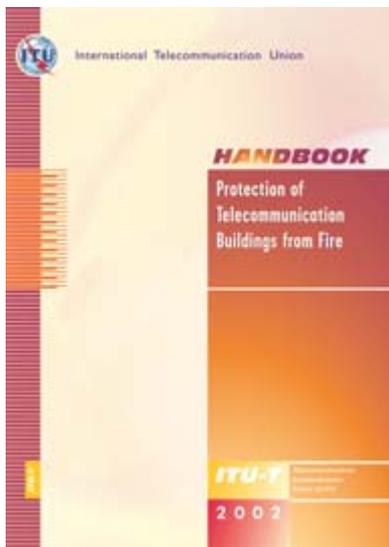
Marinized Terrestrial Cables

2001

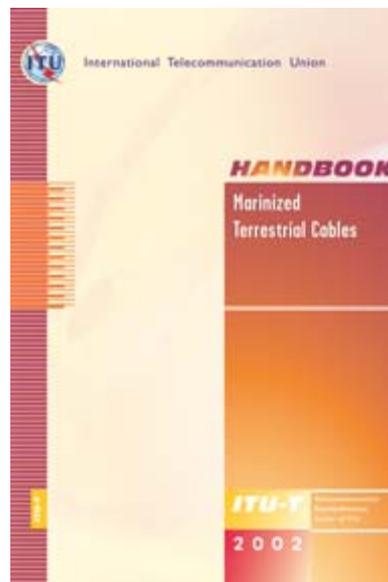
OUTSIDE PLANT

Protection of Telecommunication Buildings from Fire

2001



In a telephone building, the losses from damage caused by fire not only affect the persons and property directly involved in



The use of underwater optical cables, considered as coming under the heading of terrestrial links, has dramatically increased in recent years.

This handbook describes the characteristics, including the installation methods and testing, of a particular type of underwater cable known as marinized terrestrial cable (MTC), which, based on a conventional multiple fibre terrestrial cable core, is protected to withstand the shallow

The Preservation of Wooden Poles Carrying Overhead Telecommunication Lines

1974 edition

Separate editions in E, F, S

Article: E: 493 F: 494 S: 495
 Paper Price: 23 CHF

Jointing of Telecommunication Cable Conductors

1st edition 1982

Separate editions in E, F, S

ISBN: E: 92-61-01281-7 F: 92-61-01282-5
 S: 92-61-01283-3

Article: E: 489 F: 490 S: 491
 Paper Price: 47 CHF



4. PUBLICATIONS OF THE ITU-T SECTOR (STANDARDIZATION)

Optical Fibres for Telecommunications

1984

Separate editions in E, F, S, A

ISBN: E: 92-61-01841-6 F: 92-61-01842-4
S: 92-61-01843-2

Article: E: 1041 F: 1042 S: 1043
A: 4721

Paper Price: 70 CHF

Construction, Installation, Jointing and Protection of Optical Fibre Cables

1994

Separate editions in E, F, S, R, C, A

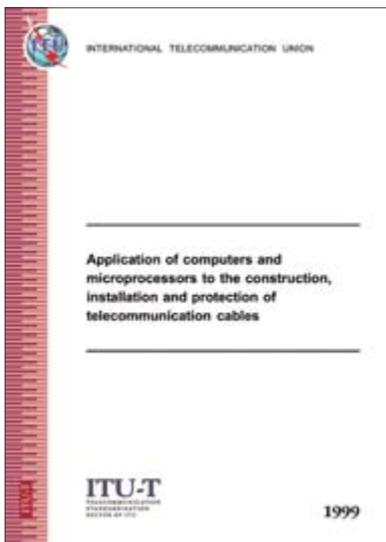
ISBN: E: 92-61-04901-X F: 92-61-04902-8
S: 92-61-04903-6

Article: E: 3775 F: 3774 S: 3776
R: 9590 A: 5962

Paper Price: 53 CHF

Application of Computers and Microprocessors to the Construction, Installation and Protection of Telecommunication Cables

1999



The 1st edition of this Handbook was published in 1994. Due to the rapid devel-

opment of the technologies a 2nd edition was considered useful to include the new applications for computers and microprocessors taking into account that many countries are adopting such devices and equipments. The outside plant occupies a wide area which requires a large amount of investments and a huge amount of work for design, construction, installation and protection especially considering the new telecommunication services available and the future role of the access networks.

Separate editions in E, F, S

ISBN: E: 92-61-07891-5 F: 92-61-07892-3
S: 92-61-07893-1

Article: E: 14517 F: 14695 S: 14696
pp.: 40 Price: 20 CHF

Electronic Bookshop

PROTECTION AGAINST ELECTROMAGNETIC EFFECTS

Earthing of Telecommunication Installations

1st edition, 1976

Separate editions in E, F, S

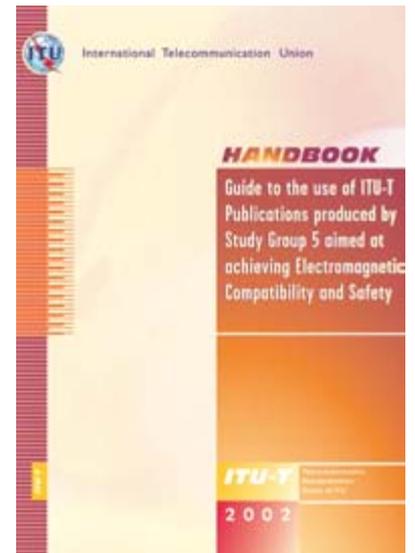
ISBN: E: 92-61-00301-X F: 92-61-00302-8
S: 92-61-00303-6

Article: E: 497 F: 498 S: 499

Paper Price: 41 CHF

Guide to the use of ITU-T Publications produced by Study Group 5 aimed at achieving Electromagnetic Compatibility and Safety

2001



This Guide presents an overview of the ITU-T documents (prepared by Study Group 5) giving information on measures to achieve electromagnetic compatibility for telecommunication equipment and installations.

This Guide is aimed at telecommunication equipment designers and operators and is also helpful for users in developing countries.

Separate editions in E, F, S

ISBN: E: 92-61-09681-6 F: 92-61-09682-4
S: 92-61-09683-2

Article: E: 20954 F: 20955 S: 20956

pp.: 36 Price: 17 CHF

The ITU-T and ITU-R Recommendations are the worldwide official telecommunication and radiocommunication standards available on paper, CD-ROM and online



Handbook on interference measuring techniques

2001



“Handbook on interference measuring techniques” contains information on EMC design of telecommunication equipment and discusses certain EMC test methods. Together with “Volume IX” of the “Directives”, this Handbook provides comprehensive information on EMC and overvoltage testing and measurements.

Separate editions in E, F, S

ISBN: E: 92-61-09481-3 F: 92-61-09482-1
S: 92-61-09483-X

Article: E: 20506 F: 20505 S: 20507
pp.: 72 Price: 38 CHF

Electronic Bookshop

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 1 to 5

1974

Separate editions in E, F, S

Article: E: 689 F: 690 S: 691

Paper Price: 85 CHF

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 6, 7 and 8

1978

Separate editions in E, F, S

Article: E: 693 F: 694 S: 695
Paper Price: 42 CHF

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 9 and 10

Geneva, 1994

The Handbook “The protection of telecommunication lines and equipment against lightning discharges” was originally published in 1974, followed by the publication of additional Chapters 6, 7 and 8 in 1978. The ITU-T Study Group 5 has now prepared further new Chapters 9 and 10: Chapter 9 on fibre optic cable lightning damage assessment and Chapter 10 on overvoltages and overcurrents measured on telecommunication subscriber lines.

Separate editions in E, F, S

ISBN: E: 92-61-05501-X F: 92-61-05502-8
S: 92-61-05503-6

Article: E: 5479 F: 5478 S: 5480
pp.: 80 Price: 62 CHF

DIRECTIVES

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume I

Geneva, 1990

Design, construction and operational principles of telecommunication, power and electrified railway facilities.

Separate editions in E, F, S

ISBN: E: 92-61-03941-3 F: 92-61-03942-1
S: 92-61-03943-X

Article: E: 1773 F: 1764 S: 1782
Paper Price: 36 CHF

Directives concerning the protection of telecommunication lines against harmful effects from electric power and electrified railway lines. Volume II: Calculating induced voltages and currents in practical cases

Geneva, 1990

The Directives provide a comprehensive description of electromagnetic effects due to the close proximity of telecommunication lines to power and electrified railway systems. Such effects may result in danger to personnel, damage to telecommunication equipment, deterioration of telecommunication transmission quality or to disturbance of signalling. Volume II “Calculating induced voltages and currents in practical cases” describes the methods for evaluating voltages and currents resulting from capacitive, inductive and conductive coupling in a variety of commonly-encountered situations.

Separate editions in E, F, S

ISBN: E: 92-61-08001-4 F: 92-61-08002-2
S: 92-61-08003-0

Article: E: 15034 F: 15065 S: 15068
pp.: 620 Price: 160 CHF

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume III

Geneva, 1990

Capacitive, inductive and conductive coupling: physical theory and calculation methods.

Separate editions in E, F, S

ISBN: E: 92-61-04041-1 F: 92-61-04042-X
S: 92-61-04043-8

Article: E: 1775 F: 1766 S: 1784
Paper Price: 56 CHF

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**CCITT Directives
Concerning the Protection
of Telecommunication Lines
against Harmful Effects from
Electric Power and Electrified
Railway Lines: Volume IV**

Geneva, 1990

Inducing currents and voltages in electrified railway systems.

Separate editions in E, F, S

ISBN: E: 92-61-04051-9 F: 92-61-04052-7
S: 92-61-04053-5

Article: E: 1776 F: 1767 S: 1785
Paper Price: 62 CHF

railway systems. Such effects may result in danger to personnel, damage to telecommunication equipment, deterioration of telecommunication transmission quality or to disturbance of signalling. Volume V "Inducing currents and voltages in power transmission and distribution systems" describes unbalanced and balanced power systems in normal operation and under fault conditions.

Separate editions in E, F, S

ISBN: E: 92-61-08011-1 F: 92-61-08012-X
S: 92-61-08013-8

Article: E: 15071 F: 15072 S: 15073
pp.: 70 Price: 24 CHF

**CCITT Directives
Concerning the Protection
of Telecommunication Lines
against Harmful Effects from
Electric Power and Electrified
Railway Lines: Volume VIII**

Geneva, 1990

Protective devices.

Separate editions in E, F, S

ISBN: E: 92-61-04091-8 F: 92-61-04092-6
S: 92-61-04093-4

Article: E: 1780 F: 1771 S: 1789
Paper Price: 9 CHF

**CCITT Directives
Concerning the Protection
of Telecommunication Lines
against Harmful Effects
from Electric Power and
Electrified Railway Lines:
Volume V: Inducing currents
and voltages in power
transmission and distribution
systems**

Geneva, 1999

**CCITT Directives
Concerning the Protection
of Telecommunication Lines
against Harmful Effects from
Electric Power and Electrified
Railway Lines: Volume VI**

Geneva, 1990

Danger and disturbance.

Separate editions in E, F, S

ISBN: E: 92-61-04071-3 F: 92-61-04072-1
S: 92-61-04073-X

Article: E: 1778 F: 1769 S: 1787
Paper Price: 21 CHF

**CCITT Directives
Concerning the Protection
of Telecommunication Lines
against Harmful Effects from
Electric Power and Electrified
Railway Lines: Volume IX**

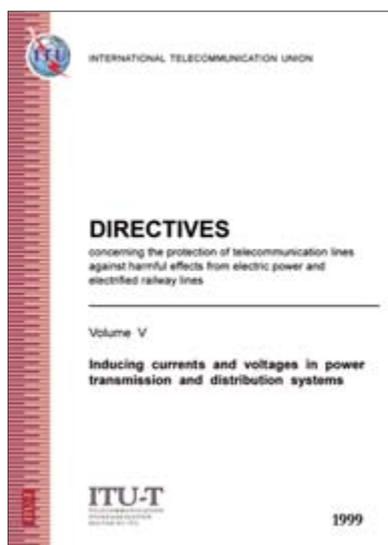
Geneva, 1990

Testing methods and measuring apparatus.

Separate editions in E, F, S

ISBN: E: 92-61-04101-9 F: 92-61-04102-7
S: 92-61-04103-5

Article: E: 1781 F: 1772 S: 1790
Paper Price: 84 CHF



The Directives provide a comprehensive description of electromagnetic effects due to the close proximity of telecommunication lines to power and electrified

**CCITT Directives
Concerning the Protection
of Telecommunication Lines
against Harmful Effects from
Electric Power and Electrified
Railway Lines: Volume VII**

Geneva, 1990

Protective measures and safety precautions.

Separate editions in E, F, S

ISBN: E: 92-61-04081-0 F: 92-61-04082-9
S: 92-61-04083-7

Article: E: 1779 F: 1770 S: 1788
Paper Price: 21 CHF

**MEASUREMENT
METHODS**

**Handbook on
Telephonometry**

1993

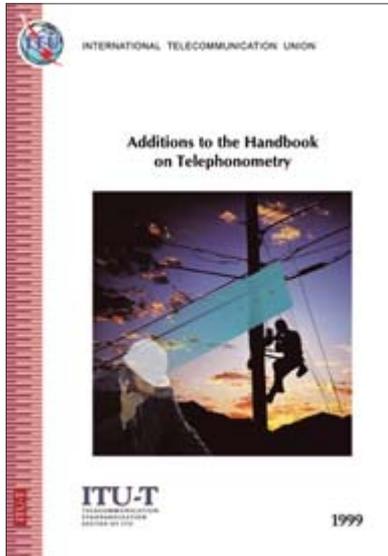
Separate editions in E, F, S, R

ISBN: E: 92-61-04911-7 F: 92-61-04912-5
S: 92-61-04913-3

Article: E: 3771 F: 3770 S: 3772
pp.: 296 Price: 86 CHF
Electronic Bookshop

Additions to the Handbook on Telephony

1999



The Handbook on Telephony is intended to be a practical manual and serves as a guide to sound engineering practice. The present additions bring new complementary information to the previous edition of the Handbook (1992).

Separate editions in E, F, S

ISBN: E: 92-61-07961-X F: 92-61-07962-8
S: 92-61-07963-6

Article: E: 14626 F: 14627 S: 14628
pp.: 18 Price: 12 CHF

Electronic Bookshop

Addition to Section 2.3 of the Handbook on Telephony

2000

The Handbook on Telephony is intended to be a practical manual and serves as a guide to sound engineering practice. The present additions bring new complementary information to the previous edition of the Handbook (1992).

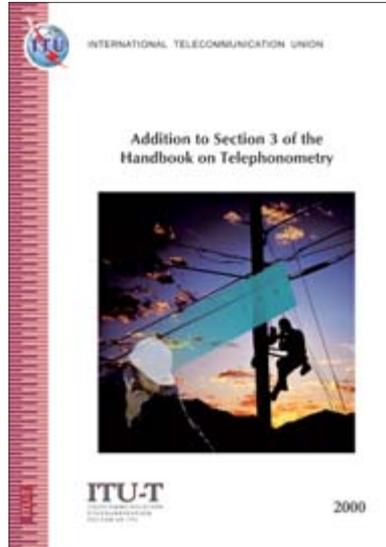
Separate editions in E, F, S

pp.: 6

Electronic Bookshop

Addition to Section 3 of the Handbook on Telephony

2001



Separate editions in E, F, S

ISBN: E: 92-61-09431-7 F: 92-61-09432-5
S: 92-61-09433-3

Article: E: 20261 F: 20262 S: 20263
pp.: 20 Price: 12 CHF

Electronic Bookshop

Compendium of Cable Measurement Methods

1984

Separate editions in F, S

ISBN: F: 92-61-01942-0 S: 92-61-01943-9

Article: E: 458 F: 471 S: 474
Paper Price: 40 CHF

FORMAL LANGUAGES

Introduction to CHILL

1993

Edition in E

ISBN: E: 92-61-04891-9

Article: E: 3739

Paper

Price: 23 CHF

CHILL User Manual

1986

Edition in E

ISBN: E: 92-61-02601-X

Article: E: 1055

Paper

Price: 31 CHF

CHILL Formal Definition – Volume I, Parts 1, 2, 3

Geneva, 1982

Edition in E

Article: E: 1052

Paper

Price: 31 CHF

CHILL Formal Definition – Volume II, Part 4

Geneva, 1982

Edition in E

Article: E: 1053

Paper

Price: 43 CHF

ITU Publications are available in English, French and Spanish, many of which exist in Arabic, Chinese, and Russian, as well

4.5 ITU-T TEST CHARTS

The following is a list of the different test charts published by ITU-T, and intended to test different facsimile communication equipment. The test charts conform to severe quality constraints and are published separately. The specimens reproduced inside Recommendations are given for illustration purposes and are not suitable for measurements.

Series	Subject	Article	Price CHF
Test Chart No. 4: Black and white facsimile test chart BW01 – High Quality (ITU-T Recommendation T.22 – 03/93)	302 × 222 mm high contrast bi-level chart containing text in a variety of languages, fonts and pitches and various black and white patterns.	E: 4530	12.–
Test Chart No. 4: Black and white facsimile test chart BW01 – Standard Quality (ITU-T Recommendation T.22 – 03/93)	302 × 222 mm high contrast bi-level chart containing text in a variety of languages, fonts and pitches and various black and white patterns.	E: 5494	5.–
Test Chart No. 5: Continuous tone facsimile test chart CT01 – (ITU-T Recommendation T.22 – 03/93)	279 × 216 mm gray scale chart containing several strips and patches of various gray-scale levels, and two photographs.	E: 11941	26.–
Test Chart No. 6: 4-colour printing facsimile test chart 4CP01 – (ITU-T Recommendation T.23 – 04/94)	302 × 222 mm full colour chart printed from 4-colour separation negatives, containing a complete range of patterns, textures, shadings and bright and pastel colours.	E: 10465	9.–
Standardized digitized image set on CD-ROM – (ITU-T Recommendation T.24 – 06/98)	<p>This digitized test chart set is an integral part of Recommendation T.24 and is published with it. This set of 409 Mbytes of images digitized with different resolutions includes:</p> <ul style="list-style-type: none"> – eight black and white ITU-T reference pages (the “CCITT images”); – test chart No. 4 (BW01); – one legibility test chart; – seven bi-level half-tone images made by processing gray-scale images with different algorithms; – test chart No. 5 (CT01); – two gray-scale images; – test chart No. 6 (4CP01); – 14 colour images with different resolutions and in different colour spaces (YUV, CMYK, RGB, CIELAB); – low-contrast gray-scale images. <p>(Paper + CD-ROM)</p>	E: 16670 F: 16671 S: 16672	154.–



4.6 ITU-T SOFTWARE

The following is a list of the different software, test sequences and data published by ITU-T, and intended to test different communication equipment. Each software forms generally an integral part of a Recommendation and is published as an enclosure to it. Details about price and article number can be found in the Recommendation list. Some of these are not included in ITU-T Recommendations on CD-ROM. For more information, please contact ITU Sales and Marketing Division at sales@itu.int

Series	Subject	Series	Subject
G.191 (11/00)	This Recommendation includes 1 CD-ROM containing the software tools library (STL-2000). The STL-2000 Manual is freely available from the ITU website for information purposes.	G.726 Appendix II test vectors (03/91)	This document corresponds to ITU-T Rec. G.726 Appendix II. It includes 2 diskettes containing respectively the A-Law and μ -Law digital test sequences for the verification of the G.726 ADPCM codec implementations. The document reproduces the user guide published in the CCITT Collective Letter No. 11/XV (1991).
G.722 Appendix II (03/87)	This document corresponds to ITU-T Rec. G.722 Appendix II which was published in the Blue Book (1988). It includes one diskette containing the digital test sequences for the verification of the G.722 SB-ADPCM codec.	G.727 Appendix I test vectors (03/91)	This document corresponds to ITU-T Rec. G.727 Appendix I. It includes 6 diskettes containing digital test sequences for the verification of the G.727 embedded ADPCM codec implementations. The document reproduces the user guide published in the CCITT Collective Letter No. 12/XV (1991).
G.722.1 (09/99)	This Annex includes one CD-ROM containing the reference code and the test vectors for ITU-T G.722.1 algorithm implementation verification.	G.728 Annex H (05/99)	This Annex includes one CD-ROM containing the test data for verification of ITU-T Rec. G.728 Annex H low bit-rate LD-CELP implementations.
G.722.1 Annex B (11/00)	—	G.728 Annex J (09/99)	This Annex includes one CD-ROM containing the test vectors for verification of ITU-T Rec. G.728 Annex J variable bit-rate LD-CELP implementations.
G.722.2 Annex C (01/02)	—	G.728 Appendix I Software (07/95)	This document corresponds to ITU-T Rec. G.728 Appendix I. It includes 4 diskettes containing programs and test sequences for verification of the floating point and fixed point implementations of the G.728 LD-CELP algorithm. The document reproduces the user guide published in the CCITT Collective Letter No. 17/XV (1992).
G.722.2 Annex D (01/02)	—	G.729 (03/96)	This Recommendation includes 3 diskettes containing source code and test sequences for implementation verification of the algorithm of the G.729 8 kbit/s CS-ACELP speech coder.
G.723.1 Annex A (11/96)	This Annex includes 3 diskettes which are common to the Recommendation's main body and to this annex, and which contain test vectors and the C reference code for implementation verification of the G.723.1 fixed point dual rate speech coder for multimedia communications.		
G.723.1 Annex B (11/96)	This Annex includes one CD-ROM containing the reference code and the test vectors for implementation verification of the G.723.1 floating point speech coder. The CD-ROM may be replaced on demand by 14 diskettes.		
G.723.1 Annex C (11/96)	This Annex includes one diskette containing the reference code and the test vectors for implementation verification of the scalable channel coding scheme.		

ITU-T SOFTWARE (continued)

<i>Series</i>	<i>Subject</i>	<i>Series</i>	<i>Subject</i>
G.729 Annex A (11/96)	This Annex includes 3 diskettes containing source code and test sequences for implementation verification of the algorithm of the G.729 reduced complexity 8 kbit/s CS-ACELP speech coder.	G.729 Annex F (02/00)	This annex includes an electronic attachment containing version 1.1 of reference C code and test vectors for fixed point implementation of CS-ACELP at 6.4 kbit/s and 8 kbit/s with DTX functionality.
G.729 Annex B (02/00)	This Annex includes 1 electronic attachment containing source code and test sequences for implementation verification of the algorithm of the G.729 Silence compression scheme version 1.4, which reflects modifications given in Corrigendum 2 (02/2000).	G.729 Annex G (02/00)	This annex includes an electronic attachment containing version 1.1 of reference C code and test vectors for fixed point implementation of CS-ACELP at 8 kbit/s and 11.8 kbit/s with DTX functionality.
G.729 Annex C (09/98)	This annex includes one diskette containing version 1.01 of reference C code for floating point implementation of the G.729 8 kbit/s CS-ACELP speech coder.	G.729 Annex H (02/00)	This annex includes an electronic attachment containing version 1.1 of reference C code and test vectors for fixed point implementation of CS-ACELP at 6.4 kbit/s, 8 kbit/s and 11.8 kbit/s without DTX functionality.
G.729 Annex C+ (02/00)	This annex includes an electronic attachment containing version 2.1 of reference C code for floating point implementation of CS-ACELP at 6.4 kbit/s, 8 kbit/s and 11.8 kbit/s with DTX functionality.	G.729 Annex I (02/00)	This annex includes an electronic attachment containing version 1.1 of reference C code and test vectors for fixed point implementation of CS-ACELP at 6.4 kbit/s, 8 kbit/s and 11.8 kbit/s with DTX functionality.
G.729 Annex D (02/00)	This Annex includes one electronic attachment containing version 1.3 of source C code for fixed point implementation of the G.729 6.4 kbit/s CS-ACELP speech coder, which reflects modifications given in Corrigendum 1 (02/2000).	G.763 (10/98)	This Recommendation includes 2 diskettes. The first one contains A-Law and μ -Law test vectors for DCME verification. The second one contains example transmit/receive SDLs.
G.729 Annex E (02/00)	This Annex includes one electronic attachment containing version 1.3 of source C code and test vectors for fixed point implementation of the G.729 11.8 kbit/s CS-ACELP speech coder, which reflects modifications given in Corrigendum 1 (02/2000).	G.776.1 (10/98)	This Recommendation includes one diskette containing the information model of Signal Processing Network Elements (SPNE).
		G.967.1 (06/98)	This Recommendation includes one diskette containing the SDL process diagrams corresponding to the VB5.1 reference point.
		G.967.2 (02/99)	This Recommendation includes one diskette containing the SDL process diagrams corresponding to the VB5.2 reference point.



ITU-T SOFTWARE (continued)

<i>Series</i>	<i>Subject</i>	<i>Series</i>	<i>Subject</i>
H.341 (05/99)	This Recommendation includes one diskette containing the formal descriptions of Annexes A, B, C, D and E for the multimedia management information base.	Q.785.2 Amendment 1 (12/00)	—
H Supplement 1 (05/99)	This supplement includes one CD-ROM containing the video clip "Irene" to be used as test material for video coding of sign language	Q.921 bis (03/93)	This Recommendation includes 5 diskettes containing postscript files of ATS for testing conformance of basic rate user side equipment to ITU-T Rec. Q.921.
J.120 (05/00)	—	Q.933 bis (10/95)	This Recommendation includes one diskette containing Abstract test suites Section II corresponding to additional procedures for PVCs as per ITU-T Rec. Q.933 Annex A.
J.170 (02/02)	—	Q.953.5 (12/99)	This Recommendation includes one diskette containing the SDL process diagrams of DSS1 CCNR in machine processable form.
M.3120 (10/01)	—	Q.1228 (09/97)	This Recommendation includes 3 diskettes containing ITU-T Rec. Q.1228 SDL diagrams in SDT source format and in PDF format.
P Supplement 23 (02/98)	This supplement includes 3 CD-ROMs containing the ITU-T coded speech database for 8 kbit/s codec tests.	Q.1238.1 (06/00)	—
P50 Appendix I (02/98)	This appendix includes one CD-ROM containing the speech database for telephony applications.	Q.1238.2 (06/00)	—
P501 (05/00)	This Recommendation includes one CD-ROM containing test signals for telephony applications.	Q.1238.3 (06/00)	—
P561 Appendix III (02/98)	This appendix includes one CD-ROM containing digital speech recordings for INMD devices testing.	Q.1238.4 (06/00)	—
P834 (07/02)	—	Q.1238.5 (06/00)	—
P862 (02/01)	—	Q.1238.6 (06/00)	—
Q.765.1 bis (12/99)	—	Q.1238.7 (06/00)	—
Q.784.2 (06/97)	This Recommendation includes one diskette containing Annex D ISUP'92 ATS for Basic Call in graphical and in machine processable form.	Q.1248.1 (07/01)	—
Q.784.3 (12/99)	—	Q.1248.2 (07/01)	—
Q.785.2 (03/99)	This Recommendation includes one CD-ROM containing the ISUP'97 ATS for Supplementary Services in machine processable form and in graphical form.	Q.1248.3 (07/01)	—
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What is ITU?

Founded in Paris in 1865 as the International Telegraph Union, the International Telecommunication Union took its present name in 1934 and became a specialized agency of the United Nations in 1947.

ITU is an intergovernmental organization, within which the public and private sectors cooperate for the development of telecommunications worldwide. In essence, the Union's mission covers the following domains:

- **a technical domain** – to promote the development, efficient operation, usefulness and general availability of telecommunication facilities and services;
- **a development domain** – a development domain – to promote the development of telecommunications in developing countries and the extension of the benefits of telecommunications to people everywhere;
- **a policy domain** – to promote the adoption of a broader approach to the issues of telecommunications in the global information economy and society.

As of 1st May 2003, ITU comprised 189 Member States, 652 Sector Members and 80 Associates (scientific and industrial companies, public and private operators, broadcasters, regional/international organizations).

What does ITU consist of?

The Union comprises:

- a plenipotentiary conference, the supreme authority of the Union composed of delegations from the Union's Member States. Plenipotentiary conferences are held every four years to adopt the underlying policies of the organization and determine its structure and activities;
- the Council, composed of 46 Members of the Union which acts on behalf of the Plenipotentiary Conference and meets annually to consider broad telecommunication policy issues in order to ensure that the Union's policies and strategies fully respond to today's dynamic telecommunication environment. It also prepares a report on the policy and strategic planning of ITU. In addition, the Council is responsible for ensuring the efficient coordination of the Union's work (monitoring work programmes, approving budgets and controlling finances and expenditure);
- world conferences on international telecommunications, which meet according to needs, to establish the general principles which relate to the provision and operation of international telecommunications services offered to the public;

- a Radiocommunication Sector;
- a Telecommunication Standardization Sector;
- a Telecommunications Development Sector;
- a General Secretariat.

Radiocommunication

The role of the Radiocommunication Sector is to ensure the rational, equitable, efficient and economical use of the radio-frequency spectrum by all radiocommunication services, including those using the geostationary-satellite orbit, and to carry out studies without limit of frequency range on the basis of which recommendations are adopted.

The decision-making functions of the Radiocommunication Sector are performed by Radiocommunication Conferences. World Radiocommunication Conferences are held every two to three years to review, and, if necessary, revise the Radio Regulations, the international treaty governing the use of the radio frequency spectrum and the geostationary and non-geostationary satellite orbits. Radiocommunication Assemblies (RA) are responsible for approving the programme of technical work, for setting up the structures required to carry out this work, for making work assignments (including conference preparatory work and radiocommunication studies), and for determining the priority, urgency and timeframe for completion of studies. The technical work is carried out by experts groups called "Study Groups".

Standardization

The duties of the Telecommunication Standardization Sector (ITU-T) are to study technical and operating questions and to issue recommendations (de facto standards) to foster seamless interconnection of the world's telecommunication networks and systems. The Sector is also being called upon to forge new standards for the interoperability of equipment from once-disparate realms (telecommunications broadcasting and computing) and facilitate the development of a new world of multimedia-based communications in a converged environment.

The Sector also adopts recommendations on tariff and accounting principles for international telecommunications services and considers policy issues related to carriage and content. Technical or operating questions specifically related to radiocommunication come within the purview of the Radiocommunication Sector.

The decision-making functions of the Telecommunication Standardization Sector fall within the mandate of World Telecommunication Standardization Assemblies which



WHAT IS THE INTERNATIONAL TELECOMMUNICATION UNION (ITU)?

also adopt the work programme and determine the timeframe for completion of work relating to the preparation of standards.

The technical work is carried out by Study Groups which develop technical specifications and operating parameters for equipment and systems covering every aspect of network operation.

In particular, ITU-T is charged with coordinating the development of the systems and technologies which constitute the emerging Global Information Infrastructure. Areas under study include broadband ISDN, Internet Protocol-based networks and ground-breaking technologies related to new multimedia systems, including special protocols and signal processing systems, high-speed modems, digital subscriber line systems (xDSL) and new types of multimedia terminal. Although they are not binding, ITU-T Recommendations are generally complied with because they guarantee the interconnectivity of networks and enable services to be provided on a worldwide scale.

Development

The role of the Telecommunication Development Sector is to facilitate and enhance telecommunications development through advice and direct technical assistance. Sector activities range from policy and regulatory advice, advice on the financing of telecommunications and on low-cost technology options, assistance in human resource management, and the development of initiatives targeting rural development and universal access. Throughout all these activities the Telecommunication Development Sector and its executive arm, the Telecommunication Development Bureau (BDT) maintain a strong emphasis on brokering partnerships with the private sector, with a view to harnessing the commercial drive of industry to the needs of developing nations.

It also offers a network of resources allowing countries to find out about and learn from other experiences can be very valuable to assist governments and regulators in their bid to provide universal access

Finally, the Sector produces a range of authoritative information resources which provide analysis of trends in the global telecommunications sector backed by official statistics from the world's leading source of telecommunication information. Examples include the World Telecommunication Development Report (WTDR), a flagship publication which provides a comprehensive overview of an industry in full transition, and the Telecommunication Regulatory Survey, an annual survey which monitors world telecommunication reform and serves as the basis of a regulatory database offering vital information for governments reforming their telecommunications sector.

The decision-making functions of the Telecommunication Development Sector are fulfilled by World and Regional Telecommunication Development Conferences supported by study groups.

General Secretariat

The task of the General Secretariat is to manage the administrative and financial aspects of the Union's activities, including the provision of conference services, information services, long range strategic planning, and corporate functions (Communication, Legal affairs, Finance, Personnel and Common Services).

- The General Secretariat's work in managing the Union's many meetings and regional and international assemblies and conferences covers organizational and logistical support, the provision of administrative services, documentation, and the provision of translation and interpretation services in the six working languages of the Union.
- Through an extensive document preparation and handling centre, the General Secretariat is also charged with the production and printing of documents and publications as well as with marketing, sales and dispatch of publications to customers worldwide.
- In the area of strategic planning, policy development, external relations and corporate communication, the General Secretariat is involved in activities ranging from the preparation of policy and research papers and reports tracking changing trends in the global telecommunications environment, to the development of corporate communication policies and materials promoting the work of the Union.
- The General Secretariat manages relations with the media, with the United Nations and with other international and regional organizations, and handles matters of international protocol. In addition, it proposes improvements to working methods and identifies cost-saving measures through operations analysis.
- The management of the finances of the Union is also the responsibility of the General Secretariat. Activities include advising and informing the membership and legislative bodies of the Union on financial and budgetary matters, preparation of the Union's draft budget, preparation of cost analysis, and financial reporting.
- It is the responsibility of the General Secretariat to manage the Union's legal affairs, providing advice and legal opinions on a wide range of important documents including formal agreements and international treaties. The General Secretariat also has an important role to play in assisting the Secretary-General in his role as the ITU's legal representative and depository of treaties and other agreements concluded by ITU or under its auspices.

WHAT IS THE INTERNATIONAL TELECOMMUNICATION UNION (ITU)?



- The internal communications requirements of ITU are also handled by the General Secretariat, which provides an up-to-date information technology infrastructure, information exchange services, administrative software applications and software development environments.
- Finally, the General Secretariat assists the Secretary-General in developing policies relating to personnel and human resources, providing essential advice on a wide range of matters including recruitment, staff training, counseling and post classification.



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A		
Additions to the Handbook on Telephonometry.....	63	
Addition to Section 2.3 of the Handbook on Telephonometry	63	
Addition to Section 3 of the Handbook on Telephonometry	63	
African Regional Telecommunication Development Conference (AF-RTDC-96): Volume I.....	11	
African Telecommunication Indicators	20	
Americas Telecommunication indicators.....	20	
Annex to Volume V: XVIIth Plenary Assembly of the CCIR	44	
Annex to Volume VI: XVIIth Plenary Assembly of the CCIR	44	
Annex to Volume X – Part 1: XVIIth Plenary Assembly of the CCIR.....	45	
Annex to Volume X/XI – Part 2: XVIIth Plenary Assembly of the CCIR.....	45	
Annex to Volume X/XI – Part 3: XVIIth Plenary Assembly of the CCIR.....	45	
Annex to Volume XI – Part 1: XVIIth Plenary Assembly of the CCIR.....	45	
Annex to Volume XII: XVIIth Plenary Assembly of the CCIR.....	45	
Annexes to Volume VIII: XVIIth Plenary Assembly of the CCIR.....	45	
Annual Report	3	
Application of Computers and Microprocessors to the Construction, Installation and Protection of Telecommunication Cables.....	60	
Arab States Telecommunication Indicators.....	21	
Asia-Pacific Telecommunication Indicators	20	
B		
BR International Frequency Information Circular (BR IFIC)	31	
BR International Frequency Information Circular (BR IFIC) Space Services.....	32	
BR International Frequency Information Circular (BR IFIC) Terrestrial Services only	32	
Bureaufax Table.....	56	
C		
Catalogue of Software for Radio Spectrum Management.....	52	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume I.....	61	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume III.....	61	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IV.....	62	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume V: Inducing currents and voltages in power transmission and distribution systems.....	62	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VI.....	62	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VII.....	62	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VIII.....	62	
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IX.....	62	
Challenges to the Network: Internet for Development.....	21	
Challenges to the Network: Telecommunications and the Internet.....	21	
CHILL Formal Definition – Volume I, Parts 1, 2, 3.....	63	
CHILL Formal Definition – Volume II, Part 4.....	63	
CHILL User Manual.....	63	
Collection of General Trends in Telecommunication Reform	18	
Collection of the Basic Texts of the International Telecommunication Union adopted by the Plenipotentiary Conference	1	
Colloquium No. 8 – Telecommunications Regulatory Issues for Electronic Commerce	7	
Compatibility between the Broadcasting Service in the Band of about 87-108 MHz and the Aeronautical Services in the Band 108-137 MHz.....	45	
Compendium of Cable Measurement Methods.....	63	
Computer-aided Techniques for Spectrum Management.....	45	
Construction, Installation, Jointing and Protection of Optical Fibre Cables.....	60	



Curves for Radiowave Propagation over the Surface of the Earth 46

D

Determination of the coordination area around an earth station in the frequency bands between 100 MHz and 105 GHz 52
Digital Radio-Relay Systems 46
Digital Television Signals: Coding and Interfacing within Studios 46
Direction of Traffic: Trading Telecom Minutes..... 23
Direction of Traffic: Trading Telecom Minutes – Report 23
Directives concerning the protection of telecommunication lines against harmful effects from electric power and electrified railway lines. Volume II: Calculating induced voltages and currents in practical cases 61
Distribution of ITU-T Recommendations..... 58
DSB Handbook – Terrestrial and satellite digital sound broadcasting to vehicular, portable and fixed receivers in the VHF/UHF bands..... 46
DTTB Handbook – Digital terrestrial television broadcasting in the VHF/UHF bands 46, 47

E

Earthing of Telecommunication Installations..... 60
Excerpts of ITU radiocommunication texts concerning the amateur service and amateur-satellite service 31
Exhibition Catalogue: TELECOM 99 and Inter@ctive 99..... 10

F

Final Acts of the Additional Plenipotentiary Conference (APP-92)..... 2
Final Acts of the Plenipotentiary Conference 1, 2
Final Acts of the Regional Administrative Radio Conference for the Planning of VHF/UHF Television – Broadcasting in the African Broadcasting Area and Neighbouring Countries..... 29
Final Acts of the World Administrative Telegraph and Telephone Conference (WATTC-88)..... 53
Final Acts of the World Radiocommunication Conference (WRC-2000) 29

Final Acts of the World Radiocommunication Conference (WRC-97) 29
Final Acts of the World Radiocommunication Conference (WRC-95) 29
Final report of ITU-D Focus Group 7: New Technologies for Rural Applications 11, 12
Financial Institutions Offering Resources for Telecommunication Projects and Technical Assistance in Developing Countries 13
First World Telemedicine Symposium for Developing Countries..... 12
Frequency-adaptive communication systems and networks in the MF/HF bands 47

G

General Trends in Telecommunication Reform “World”: Volume I 16
General Trends in Telecommunication Reform “Africa”: Volume II 17
General Trends in Telecommunication Reform “Americas”: Volume III 17
General Trends in Telecommunication Reform “Arab States”: Volume IV 17
General Trends in Telecommunication Reform “Asia Pacific”: Volume V..... 17
General Trends in Telecommunication Reform “Europe”: Volume VI 18
GMPCS Reference Book..... 27
Great discoveries, Telecommunications 9
Guide to the use of ITU-T Publications produced by Study Group 5 aimed at achieving Electromagnetic Compatibility and Safety 60
Guidelines for Implementing a Signalling System No. 7 Network 59
Guidelines for Preparing and Conducting Field Trials of Digital Switching Equipments 58

H

Handbook on interference measuring techniques 61
Handbook on Outside Plant Technologies for Public Networks..... 59
Handbook on Quality of Service and Network Performance..... 58
Handbook on Telephonometry..... 62
Handbook on Transmission Planning 58
HF Broadcasting System Design 47



High Frequency Broadcasting Schedule on CD-ROM.....	32	ITU-D Question 2/2 – Economic, organizational and regulatory aspects of national spectrum management (Preparation of handbooks for developing countries)	25
I		ITU-D Question 2/2 – New developments in rural telecommunications (Preparation of handbooks for developing countries).....	24
IMT-2000: Special Edition	30	ITU-D Question 3/1 – Impact of the Introduction and Utilization of New Technologies on the Commercial and Regulatory Environment of Telecommunications	25
Instructions for the International Telephone Service	58	ITU-D Question 3/2 – Planning, Management Operation, and Maintenance of Telecommunication Networks.....	25
Internet Diffusion in South East Asia.....	12	ITU-D Question 4/1 – Policies and Ways for Financing Telecommunication Infrastructures in Developing Countries	25
Introduction of New Technology in Local Network	59	ITU-D Question 4/2 – Communications for Rural and Remote Areas	25
Introduction to CHILL.....	63	ITU-D Question 5/2 – Human Resources Development and Management.....	25
Ionosphere and its Effects on Terrestrial and Earth-to-Space Radiowave Propagation from VLF to SHF	47	ITU-D Question 6/2 – Impact of Telecommunications in Health-care and Other Social Services	25
ISDN Field Trial Guidelines	58	ITU-D Question 7/1 – Universal access/service	25
Issues in Telecommunications Development Volume I: Finance and Trade.....	13	ITU-D Question 7/2 – Telecommunication Support for the Protection of the Environment	26
Issues in Telecommunications Development – Volume II: Reforming the international accounting rate system	14	ITU-D Question 8/2 – Public Service Broadcasting Infrastructure in Developing Countries.....	26
ITU: an overview	8	ITU-D Question 9/2 – Frequency agile systems in the MF/HF bands.....	26
ITU Digitized World Map (IDWM) and Subroutine Library (32-bit)	52	ITU-D Question 9/2 – High Altitude Platform Stations: an opportunity to close the information gap	26
ITU Global Directory – 17th edition, 2002.....	8	ITU-D Question 9/2 – Identify study group Questions in the ITU-T and ITU-R Sectors which are of particular interest to developing countries.....	26
ITU Global Directory on CD-ROM	7	ITU-D Question 9/2 – Recommendation: Effective utilization of the amateur services in disaster mitigation and relief operations.....	26
ITU Global Directory online	8	ITU-D Question 12/2 – Examine broadband communications over traditional copper wires: Report on DSL technologies.....	26
ITU Internet Reports: Internet for a Mobile Generation	4	ITU-D Question 13/1 – Promotion of infrastructure and use of the Internet in developing countries...	26
ITU Internet Reports: IP Telephony.....	5	ITU-D Question 14/2 – Fostering the application of telecommunication in health care	27
ITU Internet Reports: The Birth of Broadband.....	4	ITU-D Question 16/2 – Handbook on disaster communications	27
ITU News.....	8	ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 1: New technologies supporting new networks	27
ITU Operational Bulletin (2003) (printed versions, electronic version and on-line service)	54	ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 2: Digital networks and services	27
ITU Yearbook of Statistics – Telecommunication Services 1992-2001.....	23	ITU-R Recommendations – Electronic Bookshop.....	36
ITU-D Reports on Questions and Recommendations – Study Groups 1 and 2	23, 24		
ITU-D Questions – Recommendation	24		
ITU-D Questions – Recommendations	24		
ITU-D Question 1/1 – Role of Telecommunications in Economic, Social and Cultural Development	24		
ITU-D Question 1/2 – Special Concerns of Developing Countries in Relation to the Work of the Radiocommunication and Telecommunication Standardization Sectors	24		
ITU-D Question 2/1 – Telecommunication Policies and their Repercussions at the Level of Institutional, Regulatory and Operational Aspects of Services	24		



INDEX OF TITLES

ITU-R Recommendations on CD-ROM	35, 36	ITU-R Recommendations, Volume 2000 – M Series – Part 2	38
ITU-R Recommendations Online	36	ITU-R Recommendations, Volume 2000 – M Series – Part 2, ITU-R Recommendation M.1457	39
ITU-R Recommendations, Supplement 1 to Volume 2000 – F Series – Parts 1(A), 1(B) and 2	38	ITU-R Recommendations, Volume 2000 – M Series – Part 3	38
ITU-R Recommendations, Supplement 1 to Volume 2000 – S Series – Parts 1, 2 and 3	40	ITU-R Recommendations, Volume 2000 – M Series – Part 4	38
ITU-R Recommendations, Supplement 1 to Volume 2000 – BO Series	36	ITU-R Recommendations, Volume 2000 – M Series – Part 5	39
ITU-R Recommendations, Supplement 1 to Volume 2000 – BR Series	36	ITU-R Recommendations, Volume 2000 – M Series – Part 6	39
ITU-R Recommendations, Supplement 1 to Volume 2000 – BS-BT Series	37	ITU-R Recommendations, Volume 2000 – P Series – Part 1	39
ITU-R Recommendations, Supplement 1 to Volume 2000 – BS-BT Series – Rec. ITU-R BS.705-1, Rec. ITU-R BS.1195 and Rec. ITU-R BS.1386	37	ITU-R Recommendations, Volume 2000 – P Series – Part 2	39
ITU-R Recommendations, Supplement 1 to Volume 2000 – M Series – Parts 2, 3, 4 and 6	39	ITU-R Recommendations, Volume 2000 – RA Series	39
ITU-R Recommendations, Supplement 1 to Volume 2000 – P Series – Parts 1 and 2	39	ITU-R Recommendations, Volume 2000 – S Series – Part 1	40
ITU-R Recommendations, Supplement 1 to Volume 2000 – RA Series	39	ITU-R Recommendations, Volume 2000 – S Series – Part 2	40
ITU-R Recommendations, Supplement 1 to Volume 2000 – SM Series – Parts 1 and 2	40	ITU-R Recommendations, Volume 2000 – S Series – Part 3	40
ITU-R Recommendations, Supplement 1 to Volume 2000 – TF Series	41	ITU-R Recommendations, Volume 2000 – SA Series	40
ITU-R Recommendations, Volume 2000 – BO Series	36	ITU-R Recommendations, Volume 2000 – SF Series	40
ITU-R Recommendations, Volume 2000 – BR Series	36	ITU-R Recommendations, Volume 2000 – SM Series – Part 1	40
ITU-R Recommendations, Volume 2000 – BS Series – ITU-R Rec. BS.705-1, ITU-R Rec. BS.1195 and ITU-R Rec. BS.1386	37	ITU-R Recommendations, Volume 2000 – SM Series – Part 2	40
ITU-R Recommendations, Volume 2000 – BS Series – Part 1	37	ITU-R Recommendations, Volume 2000 – SNG Series	41
ITU-R Recommendations, Volume 2000 – BS Series – Part 2	37	ITU-R Recommendations, Volume 2000 – TF Series	41
ITU-R Recommendations, Volume 2000 – BT Series – Part 1	37	ITU-R Recommendations, Volume 2000 – V Series	41
ITU-R Recommendations, Volume 2000 – BT Series – Part 2	37	ITU-R Report BO.1227-2 – Satellite broadcasting systems of integrated services digital broadcasting	41
ITU-R Recommendations, Volume 2000 – BT Series – Part 3	37	ITU-R Report BO.2007-1 – Considerations for the introduction of broadcasting satellite service high definition television systems,	41
ITU-R Recommendations, Volume 2000 – F Series – Part 1 (A)	38	ITU-R Report BO.2008-1 – Digital multiprogramme broadcasting by satellite	41
ITU-R Recommendations, Volume 2000 – F Series – Part 1 (B)	38	ITU-R Report SM.2012-1 – Economic Aspects of Spectrum Management	44
ITU-R Recommendations, Volume 2000 – F Series – Part 2	38	ITU-R Reports, 1995 – BO Series	41
ITU-R Recommendations, Volume 2000 – F Series – Part 3	38	ITU-R Reports, 1995 – BS Series	42
ITU-R Recommendations, Volume 2000 – M Series – Part 1	38	ITU-R Reports, 1995 – BT Series	42



ITU-R Reports, 1995 – M Series – Part 1..... 43
 ITU-R Reports, 1995 – M Series – Part 3..... 43
 ITU-T Recommendations on CD-ROM..... 57
 ITU-T Recommendations Online 58
 ITU-T Sancho – (ITU-T Sector Abbreviations and
 definitions for a telecommunications thesaurus
 Oriented database) 68

J

Jointing of Telecommunication Cable
 Conductors..... 59

L

Land Mobile (including Wireless Access) Volume 1:
 Fixed Wireless Access 48
 Land Mobile (including Wireless Access) Volume 2:
 Principles and Approaches on Evolution to
 IMT-2000/FPLMTS..... 48
 Lexicon of Telecommunication Terms 8
 LF/MF system design 48
 List IV – List of Coast Stations 32
 List of ITU-R Recommendations..... 35
 List of ITU-T Recommendations..... 57
 List V – List of Ship Stations 33
 List VI – List of Radiodetermination and Special
 Service Stations 33
 List VII A – List of Call Signs and Numerical Identities
 of Stations Used by the Maritime Mobile and
 Maritime Mobile-Satellite Services..... 33
 List VIII – List of International Monitoring Stations 33

M

Manual for Use by the Maritime Mobile and Maritime
 Mobile-Satellite Services 31
 Manual on Mobile Communications Development..... 27
 Marinized Terrestrial Cables..... 59
 Maritime Mobile Access and Retrieval System
 (MARS) 33
 Mobile-satellite service (MSS) 48

N

National Spectrum Management..... 49

O

Obsolete ITU-T Recommendations 68
 OPERITU: Database on Telecommunication Operators
 and Service Providers in Developing Countries.... 13
 Optical Fibre System Planning Guide 58
 Optical Fibres for Telecommunications 60

P

Pre-published ITU-T Recommendations 68
 Protection of Telecommunication Buildings from Fire .. 59
 Provisional List of Terms Constituting the ITU
 Terminology Base “TERMITE” – Volumes I and II. 8

R

Radio Astronomy 49
 Radio Regulations – Volumes 1, 2, 3 and 4 30
 Radiometeorology..... 49
 Radiowave Propagation Information for Predictions
 for Earth-to-Space Path Communications 49
 Reforming the international accounting rate system –
 1999 14
 Regional Telecommunication Development
 Conference for the Arab States
 (AR-RTDC-96) 11
 Report ITU-R BO.2016 – BSS systems for the
 40.5-42.5 GHz band..... 41
 Report ITU-R BO.2019 – Interference calculation
 methods 42
 Report ITU-R BO.2029 – Broadcasting-satellite service
 earth station antenna pattern measurements
 and related analyses 42
 Report ITU-R BT.2017 – Stereoscopic Television
 MPEG-2 multi-view Profile 42
 Report ITU-R BT.2018 – Study of the System C Ghost
 Cancelling Reference Signal for the Evaluation
 and Correction of Linear Distortion in the
 Television Chain 42
 Report ITU-R BT.2020-1 – Objective quality
 assessment technology in a digital
 environment 42



Report ITU-R BT.2025 – Progress on development and implementation of interactivity broadcasting systems and services 42

Report ITU-R M.2010-1 – Improved Efficiency in the Use of the Band 156-174 MHz by Stations in the Maritime Mobile Service..... 43

Report ITU-R M.2013 – Wind Profilers Radars..... 43

Report ITU-R M.2014 – Spectrum Efficient Digital Land Mobile Systems for Dispatch Traffic 43

Report ITU-R M.2023 – Spectrum Requirements for International Mobile Telecommunications-2000 (IMT-2000) 43

Report ITU-R M.2024 – Summary of spectrum usage survey results 43

Report ITU-R M.2026 – Adaptability of real zero single sideband technology to HF data communications 43

Report ITU-R M.2027 – Engineering guidance for operators to upgrade shore based facilities to operate the global maritime distress and safety system in the A1, A2 and A3/A4 sea areas 43

Report ITU-R P.2011-1 – Propagation at Frequencies above the Basic MUF..... 44

Report ITU-R SM.2015 – Methods for determining national long-term strategies for spectrum utilization 44

Report ITU-R SM.2021 – Production and mitigation of intermodulation products in the transmitter 44

Report ITU-R SM.2022 – The effect on digital communications systems of interference from other modulation schemes..... 44

Report ITU-R SM.2028-1 – Monte Carlo simulation methodology for the use in sharing and compatibility studies between different radio services or systems 44

Report on the Activities of the International Telecommunication Union 2

Resolutions and Decisions of the Council of the International Telecommunication Union 3

Resolutions RA-2000..... 45

Rules of Procedure..... 30

Rules of Procedure – Online subscription 30

S

Satellite Communications (FSS)..... 49

Second World Telemedicine Symposium for Developing Countries 12

Selection and Use of Precise Frequency and Time Systems 50

Software for the Calculation of Costs, Tariffs and Rates for Telephone Services – COSITU Version 1.0 15

Space Network Systems Online 34

Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM)..... 34

Space Research Communications..... 50

Spectrum Monitoring 50

Subjective Assessment Methodology in Television 51

Supplement No. 1 to Handbook on Satellite Communications: Fixed-Satellite Service 49

Supplement No. 2 to Handbook on Satellite Communications: Computer Programs for Satellite Communications 49

Supplement No. 3 to Handbook on Satellite Communications: VSAT Systems and Earth Stations 49

T

Table of Telegram Rates..... 56

Technical Specifications of ITU-R Teletext Systems 51

TELECOM AFRICA: Forum Proceedings and Who's Who 9

TELECOM AMERICAS: Forum Proceedings and Who's Who 9

TELECOM ASIA: Forum Proceedings and Who's Who. 9

TELECOM Inter@ctive 99: Forum Proceedings and Who is Who 10

TELECOM Inter@ctive 99: Forum Proceedings and Who is Who on CD-ROM..... 10

Telecommunication Policies for the Americas (The Blue Book)..... 18

Telecommunication Policies for the Arab Region (The Arab Book) 18

Telecommunication Policies on CD-ROM..... 18

Telecommunication Terminology Database (TERMITE). 8

Telecommunications in Action..... 8

TERMITE (TERMInologie des TELécommunications) – French and Spanish Indexes 8

Terrestrial land mobile radiowave propagation in the VHF/UHF bands..... 51

The African Green Paper: Telecommunication Policies for Africa..... 19

The Internet Story: ITU Internet Reports 1997-2002 5

The ITU New Initiatives Programme: Competition Policy in Telecommunications..... 6

The ITU New Initiatives Programme: Creating Trust in Critical Network Infrastructures..... 5

The ITU New Initiatives Programme: Economic and Regulatory Implications of Broadband 6



The ITU New Initiatives Programme: Fixed-to-Mobile Interconnection..... 6

The ITU New Initiatives Programme: Licensing of Third Generation (3G) Mobile..... 6

The ITU New Initiatives Programme: Multilingual Domain Names 7

The ITU New Initiatives Programme: Promoting Broadband..... 5

The Preservation of Wooden Poles Carrying Overhead Telecommunication Lines 59

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 1 to 5..... 61

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 6, 7 and 8..... 61

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 9 and 10..... 61

Towards Universal Access: Strategic Approaches in Four Developing Countries 19

Training Development Guidelines 28

Trends in Economics and Finances – Volume I: Cost, Tariff and Interconnection Rate – Calculation Methodology and Application to Case Studies 14

Trends in Telecommunication Reform “Convergence and Regulation” 16

Trends in Telecommunication Reform 2000-2001: Interconnection Regulation..... 16

Trends in Telecommunication Reform 2002: Effective Regulation 15

Trends in Telecommunication Reform 2003: Promoting Universal Access to ICTs – Practical tools for regulators 15

Trends in Telecommunication Reform: Country Profiles 16

U

Use of Radio Spectrum for Meteorology..... 51

W

Windows Basic Automated Spectrum Management System (WinBASMS) 28

World Telecommunication Development Conference (WTDC-2002): Final Report 11

World Telecommunication Development Report: Reinventing Telecoms World Telecommunication Indicators 21

World Telecommunication Development Report: Mobile Cellular 22

World Telecommunication Development Report: Trade in Telecommunications 22

World Telecommunication Development Report: Universal Access..... 22

World Telecommunication Indicators 2000/2001 21

World Telecommunication Indicators Database 22

World Telecommunication Policy Forum IP Telephony.. 4

World Telecommunication Standardization Assembly (WTSA) – (The Orange Book): Book 1 53

World Telecommunication Standardization Assembly (WTSA) – (The Orange Book): Book 2 53



Administrative Information

Annual Report 3
 ITU: an overview 8
 ITU News..... 8
 ITU Operational Bulletin (2003) (printed versions,
 electronic version and online service) 54
 Report on the Activities of the International
 Telecommunication Union 2

Administrative Regulations

Collection of the Basic Texts of the International
 Telecommunication Union adopted by the
 Plenipotentiary Conference 1
 Final Acts of the Additional Plenipotentiary
 Conference (APP-92) 2
 Final Acts of the Plenipotentiary Conference 1, 2
 Final Acts of the Regional Administrative Radio
 Conference for the Planning of VHF/UHF
 Television – Broadcasting in the African
 Broadcasting Area and Neighbouring
 Countries..... 29
 Final Acts of the World Administrative Telegraph and
 Telephone Conference (WATTC-88)..... 53
 Resolutions and Decisions of the Council of the
 International Telecommunication Union 3
 Resolutions RA-2000..... 30
 Rules of Procedure..... 30
 Rules of Procedure – Online subscription 30
 World Telecommunication Standardization Assembly
 (WTSA) – (The Orange Book): Book 1 53
 World Telecommunication Standardization Assembly
 (WTSA) – (The Orange Book): Book 2 53

Amateur Radio

Excerpts of ITU radiocommunication texts
 concerning the amateur service and amateur-
 satellite service 31
 ITU-D Question 9/2 – Frequency agile systems in the
 MF/HF bands..... 26
 ITU-D Question 9/2 – High Altitude Platform Stations:
 an opportunity to close the information gap 26
 ITU-D Question 9/2 – Identify study group Questions
 in the ITU-T and ITU-R Sectors which are of
 particular interest to developing countries..... 26
 ITU-D Question 9/2 – Recommendation: Effective
 utilization of the amateur services in disaster
 mitigation and relief operations 26
 ITU-D Question 12/2 – Examine broadband
 communications over traditional copper
 wires: Report on DSL technologies..... 26

Broadcasting

Annex to Volume X – Part 1: XVIIth Plenary
 Assembly of the CCIR..... 45
 Annex to Volume X/XI – Part 2: XVIIth Plenary
 Assembly of the CCIR..... 45
 Annex to Volume X/XI – Part 3: XVIIth Plenary
 Assembly of the CCIR..... 45
 Annex to Volume XI – Part 1: XVIIth Plenary
 Assembly of the CCIR..... 45
 Annex to Volume XII: XVIIth Plenary Assembly
 of the CCIR..... 45
 BR International Frequency Information Circular
 (BR IFIC) 31
 BR International Frequency Information Circular
 (BR IFIC) Terrestrial Services only 32
 Compatibility between the Broadcasting Service in the
 Band of about 87-108 MHz and the Aeronautical
 Services in the Band 108-137 MHz..... 45
 Digital Television Signals: Coding and Interfacing
 within Studios 46
 DSB Handbook
 Terrestrial and satellite digital sound
 broadcasting to vehicular, portable and fixed
 receivers in the VHF/UHF bands..... 46
 DTTB Handbook
 Digital terrestrial television broadcasting in
 the VHF/UHF bands 46, 47
 HF Broadcasting System Design 47
 High Frequency Broadcasting Schedule on CD-ROM... 32
 ITU-R Recommendations, Supplement 1
 to Volume 2000 – BO Series 36
 ITU-R Recommendations, Supplement 1
 to Volume 2000 – BR Series 36
 ITU-R Recommendations, Supplement 1
 to Volume 2000 – BS-BT Series 37
 ITU-R Recommendations, Supplement 1
 to Volume 2000 – BS-BT Series –
 Rec. ITU-R BS.705-1, Rec. ITU-R BS.1195
 and Rec. ITU-R BS.1386..... 37
 ITU-R Recommendations, Volume 2000 – BO Series.... 36
 ITU-R Recommendations, Volume 2000 – BR Series 36
 ITU-R Recommendations, Volume 2000 – BS Series –
 ITU-R Rec. BS.705-1, ITU-R Rec. BS.1195
 and ITU-R Rec. BS.1386..... 37
 ITU-R Recommendations, Volume 2000 – BS Series –
 Part 1 37
 ITU-R Recommendations, Volume 2000 – BS Series –
 Part 2 37
 ITU-R Recommendations, Volume 2000 – BT Series –
 Part 1 37
 ITU-R Recommendations, Volume 2000 – BT Series –
 Part 2 37



ITU-R Recommendations, Volume 2000 – BT Series – Part 3 37

ITU-R Recommendations, Volume 2000 – M Series – Part 2, ITU-R Recommendation M.1457 39

ITU-R Report BO.1227-2 – Satellite broadcasting systems of integrated services digital broadcasting 41

ITU-R Report BO.2007-1 – Considerations for the introduction of broadcasting satellite service high definition television systems 41

ITU-R Report BO.2008-1 – Digital multiprogramme broadcasting by satellite..... 41

ITU-R Reports, 1995 – BO Series 41

ITU-R Reports, 1995 – BS Series..... 42

ITU-R Reports, 1995 – BT Series..... 42

LF/MF system design 48

Report ITU-R BO.2016 – BSS systems for the 40.5-42.5 GHz band..... 41

Report ITU-R BO.2019 – Interference calculation methods 42

Report ITU-R BO.2029 – Broadcasting-satellite service earth station antenna pattern measurements and related analyses..... 42

Report ITU-R BT.2017 – Stereoscopic Television MPEG-2 multi-view Profile 42

Report ITU-R BT.2018 – Study of the System C Ghost Cancelling Reference Signal for the Evaluation and Correction of Linear Distortion in the Television Chain 42

Report ITU-R BT.2025 – Progress on development and implementation of interactivity broadcasting systems and services 42

Subjective Assessment Methodology in Television 51

Technical Specifications of ITU-R Teletext Systems 51

The ITU New Initiatives Programme: Economic and Regulatory Implications of Broadband 6

Bureaufax

Bureaufax Table..... 56

Cabling

Application of Computers and Microprocessors to the Construction, Installation and Protection of Telecommunication Cables 60

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume I..... 61

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume III 61

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IV..... 62

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IX..... 62

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume V: Inducing currents and voltages in power transmission and distribution systems 62

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VI..... 62

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VII..... 62

CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VIII..... 62

Directives concerning the protection of telecommunication lines against harmful effects from electric power and electrified railway lines. Volume II: Calculating induced voltages and currents in practical cases 61

Jointing of Telecommunication Cable Conductors..... 59

Marinized Terrestrial Cables 59

CHILL

CHILL Formal Definition – Volume I, Parts 1, 2, 3..... 63

CHILL Formal Definition – Volume II, Part 4..... 63

CHILL User Manual 63

Introduction to CHILL..... 63

Development Policy

African Regional Telecommunication Development Conference (AF-RTDC-96): Volume I..... 11

Regional Telecommunication Development Conference for the Arab States (AR-RTDC-96)..... 11

World Telecommunication Development Conference (WTDC-2002): Final Report 11

Directory

ITU Global Directory 8

ITU Global Directory on CD-ROM 7

ITU Global Directory online 8



Discoveries

Great discoveries, Telecommunications 9

Distance Learning

Final report of ITU-D Focus Group 7:
New Technologies for Rural Applications..... 11, 12

Field Trials

Guidelines for Preparing and Conducting Field Trials
of Digital Switching Equipments 58

Fixed Services

ITU-R Recommendations, Supplement 1 to
Volume 2000 – F Series –
Parts 1(A), 1(B) and 2..... 38

ITU-R Recommendations, Volume 2000 – F Series –
Part 1 (A)..... 38

ITU-R Recommendations, Volume 2000 – F Series –
Part 1 (B)..... 38

ITU-R Recommendations, Volume 2000 – F Series –
Part 2 38

ITU-R Recommendations, Volume 2000 – F Series –
Part 3 38

Fixed-Satellite Service

ITU-R Recommendations, Volume 2000 – S Series –
Part 1 40

ITU-R Recommendations, Volume 2000 – S Series –
Part 2 40

ITU-R Recommendations, Volume 2000 – S Series –
Part 3 40

Frequency

ITU-R Recommendations, Supplement 1
to Volume 2000 – TF Series 41

ITU-R Recommendations, Volume 2000 – SF Series..... 40

ITU-R Recommendations, Volume 2000 – TF Series..... 41

Report ITU-R P2011-1 – Propagation at Frequencies
above the Basic MUF..... 44

Selection and Use of Precise Frequency and Time
Systems 50

Human Resources

ITU-D Question 5/2 – Human Resources Development
and Management..... 25

Training Development Guidelines 28

Internet

Challenges to the Network: Telecommunications
and the Internet..... 21

Internet Diffusion in South East Asia 12

ITU Internet Reports: Internet for a Mobile
Generation..... 4

ITU Internet Reports: IP Telephony..... 5

ITU Internet Reports: The Birth of Broadband..... 4

ITU-D Question 13/1 – Promotion of infrastructure and
use of the Internet in developing countries..... 26

The Internet Story: ITU Internet Reports 1997-2002 5

Interworking

ITU-D Question 14/2 – Fostering the application of
telecommunication in health care 27

ISDN

ISDN Field Trial Guidelines 58

ITU TELECOM Publications

Exhibition Catalogue: TELECOM 99 and Inter@ctive 99 ... 10

TELECOM AFRICA: Forum Proceedings and
Who’s Who 9

TELECOM AMERICAS: Forum Proceedings and
Who is Who 9

TELECOM ASIA: Forum Proceedings and Who’s Who . 9

TELECOM Inter@ctive 99: Forum Proceedings on
CD-ROM..... 10

Maintenance

Earthing of Telecommunication Installations..... 60

The Protection of Telecommunication Lines and
Equipment Against Lightning Discharges –
Chapters 1 to 5..... 61

The Protection of Telecommunication Lines and
Equipment Against Lightning Discharges –
Chapters 6, 7 and 8..... 61

The Protection of Telecommunication Lines and
Equipment Against Lightning Discharges –
Chapters 9 and 10..... 61

Maritime

List IV – List of Coast Stations 32

List V – List of Ship Stations 33

List VI – List of Radiodetermination and Special
Service Stations 33

List VII A – List of Call Signs and Numerical Identities
of Stations Used by the Maritime Mobile and
Maritime Mobile-Satellite Services 33



Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services 31

Maritime Mobile Access and Retrieval System (MARS) 33

Report ITU-R M.2010-1 – Improved Efficiency in the Use of the Band 156-174 MHz by Stations in the Maritime Mobile Service..... 43

Measurement

Addition to Section 2.3 of the Handbook on Telephonometry 63

Addition to Section 3 of the Handbook on Telephonometry 63

Additions to the Handbook on Telephonometry..... 63

Compendium of Cable Measurement Methods..... 63

Handbook on interference measuring techniques 61

Handbook on Telephonometry..... 62

Report ITU-R BT.2020-1 – Objective quality assessment technology in a digital environment 42

Mobile Communications

Annexes to Volume VIII: XVIIth Plenary Assembly of the CCIR..... 45

GMPCS Reference Book..... 27

ITU-D Question 16/2 – Handbook on new technologies and new services
Fascicle 1: New technologies supporting new networks 27

ITU-D Question 16/2 – Handbook on new technologies and new services
Fascicle 2: Digital networks and services 27

ITU-R Recommendations, Supplement 1 to Volume 2000 – M Series – Parts 2, 3, 4 and 6 39

ITU-R Recommendations, Volume 2000 – M Series – Part 1 38

ITU-R Recommendations, Volume 2000 – M Series – Part 2 38

ITU-R Recommendations, Volume 2000 – M Series – Part 3 38

ITU-R Recommendations, Volume 2000 – M Series – Part 4 38

ITU-R Recommendations, Volume 2000 – M Series – Part 5 39

ITU-R Recommendations, Volume 2000 – M Series – Part 6 39

ITU-R Reports, 1995 – M Series – Part 1 43

ITU-R Reports, 1995 – M Series – Part 3..... 43

Land Mobile (including Wireless Access) Volume 1: Fixed Wireless Access..... 48

Land Mobile (including Wireless Access) Volume 2: Principles and Approaches on Evolution to IMT-2000/FPLMTS 48

Manual on Mobile Communications Development..... 27

The ITU New Initiatives Programme: Fixed-to-Mobile Interconnection..... 6

The ITU New Initiatives Programme: Licensing of Third Generation (3G) Mobile..... 6

Mobile Services and Multidestination Satellite Services

Mobile-satellite service (MSS) 48

Networking

Frequency-adaptive communication systems and networks in the MF/HF bands 47

Handbook on Outside Plant Technologies for Public Networks..... 59

Handbook on Quality of Service and Network Performance..... 58

Introduction of New Technology in Local Network 59

The ITU New Initiatives Programme: Competition Policy in Telecommunications..... 6

The ITU New Initiatives Programme: Creating Trust in Critical Network Infrastructures..... 5

The ITU New Initiatives Programme: Promoting Broadband..... 5

The Preservation of Wooden Poles Carrying Overhead Telecommunication Lines 59

Optical fibre

Construction, Installation, Jointing and Protection of Optical Fibre Cables..... 60

Optical Fibre System Planning Guide 58

Optical Fibres for Telecommunications 60

Protection and Restoration of Transmission Systems

Protection of Telecommunication Buildings from Fire 59

Radio Astronomy

ITU-R Recommendations, Supplement 1 to Volume 2000 – RA Series..... 39

ITU-R Recommendations, Volume 2000 – RA Series 39

Radio Astronomy 49

Radio Regulations

Final Acts of the World Radiocommunication Conference (WRC-2000) 29

Final Acts of the World Radiocommunication Conference (WRC-97) 29



Final Acts of the World Radiocommunication Conference (WRC-95) 29

Radio Regulations – Volumes 1, 2, 3 and 4 30

Radiometeorology

Radiometeorology 49

Use of Radio Spectrum for Meteorology 51

Radio-Relay

Digital Radio-Relay Systems 46

Radiowave Propagation

Annex to Volume V: XVIIth Plenary Assembly of the CCIR 44

Annex to Volume VI: XVIIth Plenary Assembly of the CCIR 44

Curves for Radiowave Propagation over the Surface of the Earth 46

Ionosphere and its Effects on Terrestrial and Earth-to-Space Radiowave Propagation from VLF to SHF 47

ITU-R Recommendations, Supplement 1 to Volume 2000 – P Series – Parts 1 and 2 39

ITU-R Recommendations, Volume 2000 – P Series – Part 1 39

ITU-R Recommendations, Volume 2000 – P Series – Part 2 39

Radiowave Propagation Information for Predictions for Earth-to-Space Path Communications 49

Terrestrial land mobile radiowave propagation in the VHF/UHF bands 51

Rural Telecommunications

Towards Universal Access: Strategic Approaches in Four Developing Countries 19

Satellite Communications

ITU-R Recommendations, Volume 2000 – SNG Series.. 41

Satellite Communications (FSS) 49

Supplement No. 1 to Handbook on Satellite Communications: Fixed-Satellite Service 49

Supplement No. 2 to Handbook on Satellite Communications: Computer Programs for Satellite Communications 49

Supplement No. 3 to Handbook on Satellite Communications: VSAT Systems and Earth Stations 49

Signalling Systems

Guidelines for Implementing a Signalling System No. 7 Network 59

Space

BR International Frequency Information Circular (BR IFIC) Space Services 32

ITU-R Recommendations, Volume 2000 – SA Series 34

Space Network Systems Online 34

Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM) 34

Space Research Communications 50

Spectrum Management

Catalogue of Software for Radio Spectrum Management 52

Computer-aided Techniques for Spectrum Management 45

Determination of the coordination area around an earth station in the frequency bands between 100 MHz and 105 GHz 52

ITU-R Recommendations, Supplement 1 to Volume 2000 – S Series – Parts 1, 2 and 3 40

ITU-R Recommendations, Supplement 1 to Volume 2000 – SM Series – Parts 1 and 2 40

ITU-R Recommendations, Volume 2000 – SM Series – Part 1 40

ITU-R Recommendations, Volume 2000 – SM Series – Part 2 40

ITU-R Report SM.2012-1 – Economic Aspects of Spectrum Management 44

List VIII – List of International Monitoring Stations 33

National Spectrum Management 49

Report ITU-R M.2013 – Wind Profilers Radars 43

Report ITU-R M.2014 – Spectrum Efficient Digital Land Mobile Systems for Dispatch Traffic 43

Report ITU-R M.2024 – Summary of spectrum usage survey results 43

Report ITU-R M.2026 – Adaptability of real zero single sideband technology to HF data communications 43

Report ITU-R M.2027 – Engineering guidance for operators to upgrade shore based facilities to operate the global maritime distress and safety system in the A1, A2 and A3/A4 sea areas 43

Report ITU-R SM.2015 – Methods for determining national long-term strategies for spectrum utilization 44

Report ITU-R SM.2021 – Production and mitigation of intermodulation products in the transmitter 44



Report ITU-R SM.2022 – The effect on digital communications systems of interference from other modulation schemes..... 44

Report ITU-R SM.2028-1 – Monte Carlo simulation methodology for the use in sharing and compatibility studies between different radio services or systems 44

Spectrum Monitoring

Windows Basic Automated Spectrum Management System (WinBASMS) 28

Standards

Distribution of ITU-T Recommendations..... 58

Guide to the use of ITU-T Publications produced by Study Group 5 aimed at achieving Electromagnetic Compatibility and Safety 60

IMT-2000: Special Edition 30

ITU-R Recommendations – Electronic Bookshop..... 36

ITU-R Recommendations on CD-ROM 35, 36

ITU-R Recommendations Online 36

ITU-T Recommendations on CD-ROM..... 57

ITU-T Recommendations Online 58

List of ITU-R Recommendations 35

List of ITU-T Recommendations..... 57

Statistics

African Telecommunication Indicators 20

Americas Telecommunication indicators 20

Arab States Telecommunication Indicators 21

Asia-Pacific Telecommunication Indicators 20

Challenges to the Network: Internet for Development..... 21

ITU Yearbook of Statistics – Telecommunication Services 1992-2001 23

World Telecommunication Indicators 2000/2001 21

World Telecommunication Indicators Database 22

Telecommunication Development

Issues in Telecommunications Development Volume I: Finance and Trade..... 13

Issues in Telecommunications Development Volume II: Reforming the international accounting rate system Part I – Overview Part II – Case Studies 14

ITU-D Question 1/1 – Role of Telecommunications in Economic, Social and Cultural Development 24

ITU-D Question 1/2 – Special Concerns of Developing Countries in Relation to the Work of the Radiocommunication and Telecommunication Standardization Sectors 24

ITU-D Question 2/1 – Telecommunication Policies and their Repercussions at the Level of Institutional, Regulatory and Operational Aspects of Services..... 24

ITU-D Question 2/2 – Economic, organizational and regulatory aspects of national spectrum management (Preparation of handbooks for developing countries) 25

ITU-D Question 2/2 – New developments in rural telecommunications (Preparation of handbooks for developing countries) 24

ITU-D Question 3/1 – Impact of the Introduction and Utilization of New Technologies on the Commercial and Regulatory Environment of Telecommunications 25

ITU-D Question 3/2 – Planning, Management Operation, and Maintenance of Telecommunication Networks 25

ITU-D Question 4/1 – Policies and Ways for Financing Telecommunication Infrastructures in Developing Countries..... 25

ITU-D Question 4/2 – Communications for Rural and Remote Areas 25

ITU-D Question 6/2 – Impact of Telecommunications in Health-care and Other Social Services 25

ITU-D Question 7/2 – Telecommunication Support for the Protection of the Environment 26

ITU-D Question 8/2 – Public Service Broadcasting Infrastructure in Developing Countries..... 26

ITU-D Question 16/2 – Handbook on disaster communications 27

OPERITU: Database on Telecommunication Operators and Service Providers in Developing Countries.... 13

Reforming the international accounting rate system – 1999 14

Telecommunications in Action..... 8

World Telecommunication Development Report: Mobile Cellular 22

World Telecommunication Development Report: Trade in Telecommunications 22

World Telecommunication Development Report: Universal Access..... 22

World Telecommunication Development Report: Reinventing Telecoms World Telecommunication Indicators 21



Telecommunication Finance

Financial Institutions Offering Resources for
Telecommunication Projects and Technical
Assistance in Developing Countries 13

Software for the Calculation of Costs,
Tariffs and Rates for Telephone Services –
COSITU Version 1.0..... 15

Trends in Economics and Finances
Volume I: Cost, Tariff and Interconnection Rate –
Calculation Methodology and Application to
Case Studies 14

Telecommunication Policy

ITU-D Reports on Questions and Recommendations –
Study Groups 1 and 2 23, 24

ITU-D Question 7/1 – Universal access/service 25

ITU-D Questions – Recommendation 24

ITU-D Questions – Recommendations 24

ITU-D Reports on Questions and Recommendations –
Study Groups 1 and 2 23, 24

Telecommunication Policies for the Americas
(The Blue Book)..... 18

Telecommunication Policies for the Arab Region
(The Arab Book) 18

Telecommunication Policies on CD-ROM..... 18

The African Green Paper: Telecommunication Policies
for Africa..... 19

The ITU New Initiatives Programme: Multilingual
Domain Names 7

World Telecommunication Policy Forum IP Telephony.. 4

Telecommunication Regulation

Collection of General Trends in Telecommunication
Reform 18

Colloquium No. 8 – Telecommunications Regulatory
Issues for Electronic Commerce 7

General Trends in Telecommunication Reform
“World”: Volume I 16

General Trends in Telecommunication Reform
“Africa”: Volume II 17

General Trends in Telecommunication Reform
“Americas”: Volume III 17

General Trends in Telecommunication Reform
“Arab States”: Volume IV 17

General Trends in Telecommunication Reform
“Asia Pacific”: Volume V..... 17

General Trends in Telecommunication Reform
“Europe”: Volume VI 18

Trends in Telecommunication Reform
“Convergence and Regulation” 16

Trends in Telecommunication Reform 2003:
Promoting Universal Access to ICTs –
Practical tools for regulators..... 15

Trends in Telecommunication Reform 2002: Effective
Regulation 15

Trends in Telecommunication Reform 2000-2001:
Interconnection Regulation..... 16

Trends in Telecommunication Reform:
Country Profiles..... 16

Telegram

Table of Telegram Rates..... 56

Telemedicine

First World Telemedicine Symposium for
Developing Countries 12

Second World Telemedicine Symposium for
Developing Countries 12

Telephone Tariffs

Direction of Traffic: Trading Telecom Minutes..... 23

Direction of Traffic: Trading Telecom Minutes –
Report 23

Instructions for the International Telephone Service 58

Terminology

ITU-R Recommendations, Volume 2000 – V Series..... 41

ITU-T Sancho – (ITU-T Sector Abbreviations and
defiNitions for a teleCommunications
tHesaurus Oriented database)..... 68

Lexicon of Telecommunication Terms 8

Provisional List of Terms Constituting the ITU
Terminology Base “TERMITE” –
Volumes I and II..... 8

Telecommunication Terminology Database
(TERMITE) 8

TERMITE (TERMInologie des TELécommunications) –
French and Spanish Indexes 8

Test Chart

Standardized digitized image set on CD-ROM –
(ITU-T Recommendation T.24)..... 64

Test Chart No. 4: Black and White Facsimile
Test Chart BW01 – High Quality
(Recommendation ITU-T T.22)..... 64

Test Chart No. 4: Black and White Facsimile T
Test Chart BW01 – Standard Quality
(Recommendation ITU-T T.22)..... 64

Test Chart No. 5: Continuous Tone Facsimile
Test Chart CT01 (Recommendation ITU-T T.22) 64

Test Chart No. 6: 4-Colour Printing Facsimile
Test Chart 4CP01 (ITU-T Recommendation T.23).. 64

Transmission

Handbook on Transmission Planning 58



COSITU

Edition 2002 – Version 1.0

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